

**Dr. Ayush Srivastava**  
Assistant Registrar  
Nodal Officer-Training & Placement



**Dr. A. P. J. Abdul Kalam Technical University**  
**Uttar Pradesh, Lucknow**  
Sector-11, Jankipuram Extension, Lucknow  
E-mail: ayush@aktu.ac.in

Ref: AKTU/UIIC/2021/344

28<sup>th</sup> Jan' 2021

To  
Directors/Principals  
Colleges affiliated/associated to Dr. APJ Abdul Kalam Technical University Lucknow, Uttar Pradesh

Subject: **Regarding company JTG E-Business Software Private Limited hiring opportunity for B. Tech in CS/ IT/ ECE, M. Tech in CS/ IT & MCA students of 2021 batch**

Dear Sir/Ma'am,

Please refer to Circular No. AKTU/UIIC/2020/341 (Annexure-A) dated 25-Jan-21 and in continuation this is to inform you that as part of hiring process for B. Tech in CS/ IT/ ECE, M. Tech in CS/ IT & MCA students of 2021 batch, company JTG E-Business Software Private Limited wish to invite the students of AKTU affiliated colleges who have registered for online recruitment process. Students will get complete information from the company directly for the entire process. Please find below the date & instructions for the process as per the details attached herewith (Annexure A). You are requested to kindly go through and encourage your students to participate.

**Online Test Date:** 02-Feb-2021

If you have any concern, you are requested to feel free to write at [tnp.aktu@aktu.ac.in](mailto:tnp.aktu@aktu.ac.in)

With warm regards,

(Dr. Ayush Srivastava)  
Assistant Registrar  
Nodal Officer – Training & Placement

**Copy to:**

1. Registrar, AKTU, Lucknow
2. Finance Officer, AKTU, Lucknow
3. Controller of Examination, AKTU, Lucknow
4. Dean Student Welfare, AKTU, Lucknow
5. Media Prabhari, AKTU, Lucknow
6. Technical Officer, AKTU, Lucknow
7. In-charge Placements, AKTU, Lucknow
8. Staff Officer, Hon'ble Vice Chancellor for kind information

(Dr. Ayush Srivastava)

(Annexure A)

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Ref: AKTU/UIIC/2021/341

25<sup>th</sup> Jan' 2021

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Subject: **Regarding company JTG E-Business Software Private Limited hiring opportunity for B. Tech in CS/ IT/ ECE, M. Tech in CS/ IT & MCA students of 2021 batch**

Dear Sir/Ma'am,

Please refer to Circular No. AKTU/UIIC/2020/337 (Annexure-B) dated 19-Jan-21 and in continuation this is to inform you that as part of hiring process for B. Tech in CS/ IT/ ECE, M. Tech in CS/ IT & MCA students of 2021 batch, company JTG E-Business Software Private Limited wish to invite the students of AKTU affiliated colleges who have registered & will get complete information from the company directly for Online Test. Please find below date & instructions for online test as per the details attached herewith (Annexure A). You are requested to kindly go through and encourage the students for Online Test.

**Online Test Date:** 27-Jan-2021

If you have any concern, you are requested to feel free to write at [tnp.aktu@aktu.ac.in](mailto:tnp.aktu@aktu.ac.in)

With warm regards,

(Dr. Ayush Srivastava)  
Assistant Registrar  
Nodal Officer – Training & Placement

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15. In-charge Placements, AKTU, Lucknow
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(Dr. Ayush Srivastava)

## Annexure-A

### Subjective Test Instructions:

1. Students who clear the first Objective Test will only be eligible for the Second Subjective Round and get the link.
2. The Duration of the test is 75 mins.
3. You need to write the complete code. Just the description, or the Pseudo Code will not be given any marks.
4. Function Signature is provided in the Questions. You can choose a different function signature if they want but they need to specify the reason for the same.
5. You need not write the main function or take any input from the user or output anything on the screen. You just need to write the required function.
6. You are advised to go through their code properly to ensure that all the edge cases / corner cases are handled. Marks will be deducted if edge cases are not handled properly.
7. You can code in either C, C++ or JAVA only. You are not allowed to use any high level inbuilt functions for searching, sorting, linked lists, Trees, ArrayLists etc.
8. You need to specify some comments in the code or describe the approach / algorithm. Same will help the evaluator in understanding the code better.

### Drive Date - 27th January, 2021

Phase Test	Phase 1 - Objective Test	Phase 2 - Subjective Test (Students who clear the first Objective Test will only be eligible for the Second Subjective Round)	Phase 3 - Coding Test (Students who only clear the Subjective test will be eligible for the Coding Round)
Position	Software Developer	Software Developer	Software Developer
Time slot	10:00 AM	12:00 Noon	3:00 PM
Test Duration	50 minutes	75 minutes	75 minutes

**Please Note:** All the tests will be purely technical and based on Data Structures and Algorithms.

### Here are the Prerequisites for the Online Test that the students have to follow :

- An online test link on the registered email id will be sent to you a day before the scheduled date however the test will start only at the scheduled time for the respective tests.
- A laptop/desktop with an active web camera and mobile phone with front camera is mandatory to take the test. Though laptop/desktop is advisable
- Location and Webcam permission is mandatory. You will be proctored throughout the test.
- Please ensure that you are logged out from all the QT and Online Test Sessions otherwise your test will not run.
- **The test will not run on Windows 7.**
- If you are not able to start the test through any of the above mentioned ways, **please take the test on your mobile phone through Google Chrome.**
- The test runs on any Modern browser however, Google Chrome Browser is recommended as it is a light browser. Please download the same or update your existing browser. The test will not run on Mozilla Firefox.
- If you connect with the broadband, a minimum internet speed required is 512 Kbps and data speed required is minimum 3G for mobile. However, 1 Mbps and above is desired.
- You should have data of at least 200 MB in order to take the test. If you are taking multiple tests, 1 GB data is advisable.
- You are advised to keep all the browsers, device apps or notifications disabled during the test. It will help you to get the optimum speed of the internet. **Keeping other browsers or apps open or switching to any other tab during the test may lead to violations and the test will be terminated.**

- For any query during the test, you can mark an email to [feedback@calyxpod.com](mailto:feedback@calyxpod.com) or call on the helpline number - 01141179695.
- Once the duration of the test is over the test will automatically stop.
- It will be a purely technical test based on the technical framework. Please refer to the job description for more details.
- You should use the same email address to take the test on which they will receive the test link.
- You are advised to read the instructions carefully before starting the test.
- You should be logged in 15 mins before the test scheduled time.

### **Instructions for the Subjective Test:**

- **Students who clear the first Objective Test for Software Developer/Front End Developer will only be eligible for the Second Subjective Round and get the link.**
- You need to write the complete code. Just the description, or the Pseudo Code will not be given any marks.
- Function Signature is provided in the Questions. You can choose a different function signature if they want but they need to specify the reason for the same.
- You need not write the main function or take any input from the user or output anything on the screen. You just need to write the required function.
- You are advised to go through their code properly to ensure that all the edge cases / corner cases are handled. Marks will be deducted if edge cases are not handled properly.
- You can code in either **C, C++ or JAVA only**. You are not allowed to use any high level inbuilt functions for searching, sorting, linked lists, Trees, ArrayLists etc.
- You need to specify some comments in the code or describe the approach / algorithm. Same will help the evaluator in understanding the code better.

- Please do all the checks recommended in the system & connectivity test link, once today & again half an hour before the test. This will lead to facing lesser issues during the test.

**Link:** [https://docs.google.com/document/d/e/2PACX-1vR6ZM9hAnYslu9ebdDYUcRDM4BhV7PJ-6-zJFaPcDzLRIJsS\\_lmdXzEE-PRNckLMiT\\_cfDX-UVNJzt/pub](https://docs.google.com/document/d/e/2PACX-1vR6ZM9hAnYslu9ebdDYUcRDM4BhV7PJ-6-zJFaPcDzLRIJsS_lmdXzEE-PRNckLMiT_cfDX-UVNJzt/pub)

- If you're unable to view the questions in the test, you are advised to follow the below mentioned steps:-

- a) Try to refresh the page.
- b) If refreshing doesn't help, please clear the browser, close the test & click on the test URL again. **Please don't click on Finish the test.** Finding a solution once you have ended the test would not be possible.

- **Students are requested to wear appropriate clothes while taking the test and their webcam should be in working condition.**

(Annexure B)

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19<sup>th</sup> Jan' 2021

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Dear Sir/Ma'am,

Please to inform you that as part of hiring process for B. Tech in CS/ IT/ ECE, M. Tech in CS/ IT & MCA students of 2021 batch, company JTG E-Business Software Private Limited wish to invite the students of AKTU affiliated colleges for this drive. Please find invitation and link for the participation of students as per the details attached herewith (Annexure A). You are requested to kindly go through and encourage the students for registration latest by **21-Jan-2021**.

Link for registration: <https://tinyurl.com/JTG-Registration> (MANDATORY)

If you have any concern, you are requested to feel free to write at [tnp.aktu@aktu.ac.in](mailto:tnp.aktu@aktu.ac.in)

With warm regards,

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## Annexure – A

<b>Campus Placements 2020</b>	
<b>Job Notification Form</b>	
<b>COMPANY OVERVIEW</b>	
Name of the Company	JTG E-Business Software Private Limited
Website / Other source of Information	<a href="https://www.joshtechologygroup.com/">https://www.joshtechologygroup.com/</a>
Company Type	Software Development
Brief write-up on the Company (50 to 75 words)	JTG is a niche product development company working with various fast-growing US based start-ups on new products across multiple domains. JTG provides a rare opportunity to work on various new technologies & use them to innovate across different domains by transforming ideas into real life products. Some of the domains JTG is working in are as follows - Targeted Advertising, Automotive Retail, Lead Analytics, Energy Trading, Mentoring Platforms, Social Networking, Server Monitoring Tools, Retail Analytics, Automotive Insurance, Medical Insurance, Health / Lifestyle Products, Video Streaming / Analytics etc.
<b>JOB PROFILE</b>	
Job Designation	Software Engineer (Web / Mobile Technologies)
Job Description	Software Developer
Place of Posting	Gurugram (Currently Remote)
Key Responsibilities:	<ul style="list-style-type: none"> <li>● Clarify requirements/identify gaps for features being implemented.</li> <li>● Work with developers to design algorithms and flowchart.</li> <li>● Design &amp; implement robust &amp; extensible code module.</li> <li>● Produce clean, efficient code based on specifications.</li> <li>● Verify and deploy product functionality; deploys to staging servers &amp; assists the Lead in deploying to production environment as required.</li> <li>● Consistently apply team software development process (e.g., estimations, tracking, testing, code &amp; design reviews, etc.).</li> <li>● Accurately schedule and track progress, providing visibility to the Mentor as well as to other team members in an effort to monitor and resolve risk; create end to end WBS &amp; estimates for modules being implemented. Participate in customer meetings.</li> <li>● Assist in fostering the tech culture by proactively sharing the learning's &amp; experiences.</li> </ul>
Type of Placement	Internship + Full-Time
<b>SALARY DETAILS</b>	
Cost to Company (CTC)	8,00,000 INR (7,00,000 (Fixed), 50,000 (Performance Bonus) and 50,000 (Joining Bonus-Only in case of Internship + Full-Time) <b>Please Note-</b> The offer will be either only Internship or Internship + Full Time depending on candidate's performance in the interview.
Training Period	6 months

Salary / stipend paid during training	The selection process is going to be for 6 months internship (final year) + full time employment. During the internship the monthly stipend will be INR 17,500. After successful completion of internship, the employment will automatically get converted into full time.
Bond or Service Contract (If Yes, give details)	If the student does not wish to join JTG E-Business Software Pvt Ltd post successful completion of the internship, or leaves before 6 Months after starting the full-time employment, he/she will be entitled to pay an amount of INR 1,00,000 to JTG E-Business Software Pvt Ltd. The bond condition is also applicable in case he/she doesn't complete the entire internship duration and choose to leave in between.
<b>SELECTION PROCESS</b>	
Shortlist from Resumes	No
Written Test (Technical / Aptitude)	Yes, <b>Phase 1</b> Online MCQ, Subjective Test and Coding Test to be conducted on Day 1. Tentative drive schedule will be the last week of January.
Group Discussion	No
Personal Interview	Yes, <b>Phase 2</b> Post the aforesaid assessments; shortlisted candidates have to face interview on company online platform
Minimum Number of Offers You intend to make	10
Eligible Department and Program	- Batch 2021 - B. Tech in CS/ IT/ ECE - M. Tech in CS/ IT - MCA
Specific Eligibility requirement (Please mention)	<ul style="list-style-type: none"> <li>● Strong analytical skills with strong problem-solving abilities.</li> <li>● Strong Data Structures &amp; Algorithms.</li> <li>● Strong verbal and written communication skills.</li> <li>● Should be a self-starter and a good team player with a high sense of ownership.</li> <li>● Candidates having familiarity with following technologies / tools will be given a preference: Java / Ruby / Django.</li> <li>● Open Source Web Development Frameworks: Groovy on Grails, JRuby, Ruby on Rails.</li> <li>● UI Frameworks / Technologies - HTML / CSS, YUI, JQuery, Dojo.</li> <li>● Tools: Eclipse, SVN, Ant, Maven.</li> <li>● Databases: PostGres, MySQL, Couch DB.</li> </ul> <p><b><u>How will you grow here:</u></b></p> <ul style="list-style-type: none"> <li>● Work in multiple projects &amp; teams spread across different domains and technologies.</li> <li>● Work &amp; interact directly with senior directors in an open and flat hierarchical structure.</li> <li>● You can own all aspects of leading software products and projects.</li> <li>● You get to work with top-notch engineers and leaders with decades of experience in building and delivering great software.</li> <li>● Work with CXOs / Senior Directors of various emergent companies in US &amp; India.</li> </ul>



	<ul style="list-style-type: none"> <li>● Get involved with the newest products, latest technologies and different methodologies.</li> <li>● Opportunity to Mentor the Best and Get Mentored by the Best.</li> </ul> <p><b><u>How we thank you for your invaluable contribution:</u></b></p> <ul style="list-style-type: none"> <li>● Events, activities and outings aplenty (We really party hard!).</li> <li>● A stimulating and energetic work environment which encourages creativity.</li> <li>● Hackathons, Gaming Evenings, Poker Nights and much more!</li> <li>● Flexible Timings, Flexible Holiday Calendar, Work from Home Option.</li> <li>● Competitive salary (best in the industry).</li> <li>● Beverages and snacks throughout the day, on the house!</li> <li>● Recreation center to let off some steam.</li> <li>● Office lunch option (fresh and savory ghar ka khana)</li> <li>● Medical Insurance (stay healthy, stay happy).</li> </ul>
Date & Time of the Drive	In the last week of January, 2021
Venue	Online, All the rounds will be conducted remotely
Expected Joining (dd/mm/yyyy)	February, 2021