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Project Trainee (PT) Recruitment 2022

Job Description

MKCL (Maharashtra Knowledge Corporation Limited) is looking for dynamic candidates for the position of Full Stack Developers (Project Trainees). The aspirants should aspire to solve real world problems using technologies and make a positive impact on the society through their work. The role requires persons who are team players with problem-solving skills and have eagerness to learn and innovate. Applicants should have passion for Full Stack Development.

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Eligibility

Educational qualifications:

B.E. / B.Tech. (Computer Engineering/IT/E&TC), MCA (Master of Computer Applications), MCS (Master of Computer Science), M.Sc. (Computer Science/IT), M.S. (Computer Science), M.E./ M.Tech (Computer Engineering/IT/E&TC), appearing for final semester examination in the year 2022 from recognized universities, Any other Graduation with CDAC'S DAC Course from the batch completed in April 2022.

Number of Vacancies

MKCL (Maharashtra Knowledge Corporation Limited) is looking for **100** Project Trainees.

Application Process

- Candidates will have to apply online from **Wednesday, June 1, 2022**, by visiting MKCL's career page https://mkcl.org/careers.
- Last date to apply online is **Wednesday, June 22, 2022 upto 5 pm.**
- Applications received after this date shall not be considered.
- Do not create more than one login. Candidates creating multiple logins or registration will be disqualified.
- The online test can be taken only once. No re-attempts will be allowed under any circumstances.
- If any candidate is found indulging in any malpractice during the recruitment process, s/he would be immediately disqualified from the recruitment process.
- MKCL reserves the right to cancel the candidature of any candidate if any of the MKCL Norms are not met.
- MKCL reserves the right to modify the selection process as deemed fit.
- All the communications for the recruitment process will be done digitally, so the candidates must use the correct Mobile Number and Email ID for online registration.

Offer Details

- An applicant selected through the selection process, shall be given an offer letter for the post of Project Trainee for an initial period of 12 months. During the first 2 months, the Project Trainees will have to undergo rigorous training on the below technologies stack:

  1. Overview of Full Stack Development
  2. UI/UX
  3. Javascript
  4. Database Concepts
  5. Agile and SCRUM
  6. Programming Languages: .Net Track / Golang / JAVA

  The training provided is free of cost.

- Periodic tests and assignments shall be taken during the first 2 months of training period. The scores of tests and assignments will be recorded for each trainee.
- Also, a trainee will be given Work performance and conduct ratings by the respective team leader during their training period.
- After completion of the 2 months training period, based on the scores of tests, assignments and the

performance ratings given by the team leader, each individual trainee's performance score will be calculated.

- If any trainee's performance score is not up to the mark during the first 2 months of training period, s/he will be relieved after completion of the 2 months of training period.
- If the trainee's performance score is up to the mark during the first 2 months of training period, s/he will be continued for the remaining 10 months.
- All other norms as per MKCL policies uploaded on the employee service portal shall be applicable.

Candidates appearing for the final semester in the academic year 2021-22, should submit the final semester result to MKCL within 7 days of result declaration, and the selection will be considered as provisional till such time the said result is submitted. Final date of submission of result of the degree to MKCL is 31st October 2022. In case of those selected candidates who do not submit the final passing certificate/marksheet to MKCL within specified period or do not pass in the final degree examination, the offer will stand withdrawn and cancelled.

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Career Path

Year	Designation	CTC
First	Project Trainee	Rs. 3,96,036/-
Second	Project Associate	Rs. 4,98,960/-
Third	Senior Project Associate I	Rs. 6,50,004/-
Fourth	Senior Project Associate II	Rs. 9,00,924/-

In addition to above Annual Compensation the employee will also get medical and accidental Insurance Coverage as mentioned below :

- Medical Insurance Cover of Rs. 4 Lakhs per annum
- Accident Insurance Cover of Rs. 10 Lakh per annum

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Important Dates

- Start date to apply online: **Wednesday, June 01, 2022**
- Last date to apply online: **Wednesday, June 22, 2022 up to 5 pm**
- Mock Online Objective Test: **Thursday, June 23 to Friday, June 24, 2022 from 11 am up to 5 pm**
- Online Objective Test – Stage I: **Sunday, June 26, 2022, between 11 am and 12.30 pm**
- Online Test – Stage I Result: **Wednesday, June 29 2022, after 5 pm**
- Developing Full stack application on topics given for Stage II: **From Thursday, June 30 to Tuesday, July 05, 2022**
- Online Interview based on assignments given for a Full stack application - Stage II: **Wednesday, July 06 to Friday, July 8, 2022**
- Stage II Result: **Tuesday, July 12, 2022, after 5 pm**
- Final Hands-on Test with face to face Interview – Stage III: **Monday, July 18 to Friday July 22, 2022**
- Final Interview Result – Stage III: **Monday, July 25, 2022**
- Date of Joining: **Monday, August 01, 2022**

Place of Posting

Candidates will have to give preference for posting at any one of the following location in the application. MKCL has only Work at Workplace Policy.

- **MKCL Pune office**: ICC Trade Tower, 'A' Wing, 5th Floor, Senapati Bapat Road, Shivajinagar, Pune, Maharashtra 411 016
- **MKCL Navi Mumbai office**: Plot No. 30, Sector 42-A, Seawoods West, Nerul, Navi Mumbai, Maharashtra 400 706
- **MKCL Nagpur office**: "Chandraprastha", Plot No. 7, Ring Road, Near Padole Square, Deendayal Nagpur, Ranapratap Nagpur, Nagpur, Maharashtra 440 022

Selection Process

- The selection process shall be a three-stage process consisting of:
  Stage I. **Online Objective Test**
  Stage II. **Online Interview based on assignments topics given for a Full Stack Application Development**
  Stage III. **Final Hands on Test with face to face Interview**

Stage I: Online Objective test

1. Candidates need to take an online selection test from their home through MKCL's Online ExamLive Framework.
2. For the online test, candidates must have a good stable internet connection with a desktop/laptop computer with Webcam and microphone.
3. Candidates must be alone in a quiet environment for the duration of the exam. Conversation with anyone else is not permitted during the exam.
4. Use of any reference materials, resources, other mobile/tablet, other computer screens, and/or other software is not permitted during the exam.
5. Total Marks for online test: 100
6. Total number of questions: 100
7. Test Duration: 90 minutes
8. Negative marking shall not be given.
9. The exam consists of multiple choice single correct and multiple choice multiple correct questions.

Instructions for Stage I

1. A mock test will be available from **Thursday, June 23 to Friday, June 24, 2022 from 11 am up to 5 pm** so that the candidates can have a good feel of our actual online examination system. Marks obtained in this mock test will not be considered for the main exam.
2. Date and time for **Final online test**:
   Sunday, June 26, 2022, from 11.00 am to 12.30 pm
   Candidates can start the test at 11 am and complete the test within 90 minutes of time. Candidates can take this test from their home or from any place but the environment should be quiet and without any disturbance.
3. Results of the Online test will be published on **Wednesday, June 29, 2022, after 5 pm**. Candidates will be informed via email/SMS about the shortlisting for the next stage of the process.
4. If any candidate is found indulging in unethical ways or involved in any malpractice during the online test(Through evidences captured in MKCL's ExamLive Framework), s/he would be immediately disqualified from

the recruitment process.

Details about Online Objective Test (100 Questions - 100 Marks)

Section I: General Aptitude with Analytical & Problem-Solving Skills (30 Questions - 30 Marks)

Section II: Technical Skills – (70 Questions - 70 Marks)

1. Basic Programming Concepts – 20 Questions
2. Data Structure Concepts – 10 Questions
3. Database Concepts – 15 Questions
4. Web Development Basics – 15 Questions
5. Software Development Lifecycle Basics – 5 Questions
6. Operating System & Networking Basics – 5 Questions

Syllabus and Reference Links for Section I & II

Stage II: Online Interview based on assignments topics given for a Full Stack Application Development

- Candidates shortlisted in Stage I, will be given an assignment to develop a small full stack Application using any Front End, Back End and Database technology.
- A total duration allocated to complete this assignment will be Six Days. After Six days , a candidate will have to appear for an Online Interview through Google meet where s/he can demonstrate and explain the application developed by her/him.
- Video of the candidate must be ON while explaining the application.
- For the online interview, a candidate will have to show the actual codes s/he had written for the assignment through screen sharing.
- A webcam and mic on the computer /laptop must be in a working condition before starting the online interview.
- The approximate duration of Online Interview will be 10-15 Minutes.

The result of stage II will be declared on Tuesday, July 12, 2022, after 5 pm.

Shortlisted candidates from Stage II who clear the round **Online Interview based on assignments topics given for a Full stack application Development** shall be invited for the Stage III - Final Hands on Test with face to face Interview. It may be noted that the invitation for the third round does not indicate a job offer.

Stage III: Final Hands-on Test with face to face Interview

Final Hands-on Test with face-to-face Interview will be conducted from **Monday, July 18 to Friday July 22, 2022**. This test will be conducted at MKCL's Pune office.

1. Each candidate would be given a specified date and time slot for the hands-on test and interview.
2. The hands-on test would be given to the applicants only on the scheduled day.
3. **The results of stage III will be declared on Monday, July 25, 2022.**
4. Selected Candidates will have to join MKCL office physically from **Monday, August 01, 2022**.

Based on the scores of Stage III, a candidate will be given an offer letter for the post of Full Stack developer (Project Trainee) for 12 months.

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Terms & Conditions

- Candidates are requested to submit only one form while registering and thereby create a single login. Candidature of applicants creating multiple logins shall lead to disqualification.
- The online test can be taken only once. No re-attempts will be allowed under any circumstances.
- If any candidate is found indulging in any malpractice during the recruitment process, s/he would be immediately disqualified from the recruitment process.
- MKCL reserves the right to cancel the candidature of any candidate if any of the MKCL norms are seen to be violated.
- MKCL reserves the right to modify the selection process as deemed fit.
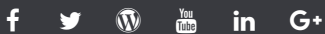
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MKCL
Creating a Knowledge Lit World

Maharashtra Knowledge Corporation Limited (MKCL) was promoted by the Department of Higher and Technical Education, Government of Maharashtra and shifted to General Administration Department (GAD), Government of Maharashtra, India on January 05, 2018 and was incorporated under the Companies Act, 1956.

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