



Infosys Centre for AI, 4th Floor, R&D Block, IIIT Delhi, India

## Job Description

<b>Job Title</b>	Full-Stack Engineer
<b>Centre</b>	Infosys Centre for AI
<b>Salary Scale</b>	Scale-5 (₹7 Lakhs - ₹12 Lakhs per annum based on qualifications and experience)
<b>Hours</b>	Full Time
<b>Contract Type</b>	Regular
<b>Contact</b>	<ol style="list-style-type: none"> <li>1. General Queries: Aayushi Shishodia [admin-cai@iiitd.ac.in ]</li> <li>2. Technical: Dr. Vinayak Abrol [abrol@iiitd.ac.in] and Dr. Dhruv Kumar [dhruv.kumar@iiitd.ac.in]</li> </ol>
<b>Reporting To</b>	Dr. Debarka Sengupta [head-cai@iiitd.ac.in]
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>▪ This position can't be held concurrently with any other substantive post without prior permission from the Head of Centre.</li> <li>▪ The appointment will be purely temporary and on a contractual basis initially for a period of three years. There will be a six month probation period in the beginning. This appointment will not grant you any right or claim for an appointment for a regular position. At the end of three years, the contract can be further extended for another two years based on requirement and performance.</li> </ul>

## About Infosys Centre for Artificial Intelligence

Infosys Centre for Artificial Intelligence (CAI) was established as a strategic partnership between IIT Delhi and Infosys Foundation (a non-profit organization). This is one of the largest endowments that industry has provided to academia for research in India. The centre focuses on research, education and technology development in areas including but not limited to Computer Vision; NLP; Robotics; Big data & graph analytics; Software engineering; Planning, scheduling & allocation, AI for social good and Healthcare informatics. CAI facilitates IIITD's B.Tech (CSAI) and M.Tech (specialization in AI) programmes which are ranked among the best in the country, and an ecosystem that attracts the best faculty from top institutions in India and abroad.

More Details: [cai.iiitd.ac.in](http://cai.iiitd.ac.in)

## Responsibilities

- Design and build applications/systems based on wireframes and product requirements documents
- Work on back-end & front-end development of core scripts using NodeJS/ MongoDB/React.js/Angular/Express/Redux.
- Unit test code for robustness, including edge cases, usability and general reliability
- Write reusable, easy to maintain, versioned code using DRY principles
- Integrate existing tools and business systems (in-house tools)
- Good exposure in creating dynamic web pages
- Familiarity with Server-Oriented Architecture and RESTful Web Services
- Mentor junior team members on system architecture, coding styles and inculcate an attitude of continuous improvement in the team members

## Qualifications and Desirable Skills

- Bachelor's or Master's degree in Computer Science or a related field.
- Proven experience as a Full-Stack Developer or similar role
- Strong problem solving skills
- Knowledge of data structures and algorithms
- Hungry for more responsibility and knowledge
- Passion for building robust systems that are engineered to handle failure scenarios, an undying love and attitude for maintaining coding standards
- Strong advocate for producing quality software who makes sure issues are raised and resolved
- 3-5 years of experience with Node js, angular js, mean stack, javascript, jquery, React js
- Familiarity with RESTful APIs to connect front-end to back end services
- Experience in cloud message APIs and push notifications (firebase preferably)

- Container based application deployment - Docker or equivalent
- Experience with at least one of the cloud platforms like AWS, GCP, Azure, Digital Ocean etc.
- Experience with GraphQL ecosystem a plus

## **Application Procedure**

Interested candidates can fill out this form: <https://forms.gle/rWpQ5ajKcp1dAnKa7>

The post will be filled as soon as a suitable candidate is found.

## **Equality of Opportunity**

Entry into employment with IIIT Delhi and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender, marriage or civil partnership, race, religion or sexual orientation.

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