ANNAM.AI

An AI - CoE by the Ministry of Education in the domain of Digital Agriculture

ADVERTISEMENT for the position of Firmware Engineer

Applications are invited from Indian nationals for the **Firmware Engineer** position to work in Agri-Tech at ANNAM.AI, Indian Institute of Technology Ropar.

ANNAM.AI is a Section-8 company founded to establish the Artificial Intelligence Center of Excellence (AI-CoE) in Agriculture at the Indian Institute of Technology Ropar by the Ministry of Education, Government of India. The CoE is established to foster innovation, interdisciplinary research, and scalable AI solutions in the domain of Agriculture towards sustainable agriculture and the environment.

Job description: Firmware Engineer
Location: IIT Ropar, Punjab,
Number of positions: 1
Type of job: Full-time (on contract)

Duration: Initially for 1 year. The contract can be extended based on satisfactory performance.

Responsibilities
1. Design, prototype and verify systems for various embedded firmware applications.
2. Develop and maintain firmware and middleware for embedded systems.
3. Create and manage documentation for active projects.
4. Develop tools and techniques for testing and verification.
5. Provide technical assistance to clients.

Qualifications and Essential Skills
1. B.Tech/B.E. or M.Tech/M.E. in Electrical Engineering or equivalent qualification.
2. Minimum two years of relevant experience.
3. Experience in embedded IoT system design.
4. Sound knowledge of C, and C++.
5. Good grasp of testing and debugging techniques and protocols.
6. Knowledge of BLE, WiFi, and Ethernet (system and firmware).
7. Sound knowledge of interface and network protocols.

Remuneration:
- In the range of INR4-5 Lakhs per annum, negotiable depending on experience.
- Age: less than 35 years

- Suitable on-campus accommodation may be provided, based on availability.

How to apply:

Applicants should have the following things before filling out the form
Last date to apply: 26/2/2025
Link to the application form:
https://docs.google.com/forms/d/1IZPN_YYPXU__NfgnWy_reQOVio90VwqGl95-mcPQuMA/

The shortlisted candidates shall be called for online/personal interviews.

Terms and Instructions

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- Only shortlisted candidates will be contacted/informed through email.
- AI-COE reserves the right to fill up the post, not to fill up the post, or cancel the advertisement in whole or part without assigning any reason. The company also reserves the right to limit the number of candidates to be called for written tests/or interviews. The decision of the company in this regard will be final.
- Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
- The company can verify all the documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. If it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
- If it is found later that any information given in the application is incorrect/false, the candidature/appointment is liable to be canceled/terminated.

ADVERTISEMENT for the position of Software Engineer

Applications are invited from Indian nationals for the Software Engineer with expertise in cloud infrastructure, Flutter development, and API integration to deliver high-quality software solutions.

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Job description: Software Engineer
Location: IIT Ropar, Punjab,
Number of positions: 2
Type of job: Full-time (on contract)

Duration: Initially for 1 year. The contract can be extended based on satisfactory performance.

Responsibilities
- Design and manage cloud-based applications.
- Develop responsive front-end apps using Flutter.
- Create and integrate RESTful APIs.
- Conduct unit and integration testing.
- Resolve defects and optimize performance.
- Collaborate with developers and designers.
- Maintain project documentation.

Qualifications and Skills
- Education: Bachelor's degree in Computer Science or related field.
- Skills: Flutter, cloud platforms (AWS), and API integration.
- Soft Skills: Problem-solving and teamwork.

Remuneration:
- In the range of INR 3-4 Lakhs per annum, negotiable depending on experience.
- Age: less than 35 years
- Suitable on-campus accommodation may be provided, based on availability.

How to apply:

Applicants should have the following things before filling out the form
Last date to apply: 26/2/2025
Link to the application form:
https://docs.google.com/forms/d/1IZPN_YYPXU__NfgnWy_reQOVio90VwqGl95-mcPQuMA/

The shortlisted candidates shall be called for online/personal interviews.

Terms and Instructions

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- If it is found later that any information given in the application is incorrect/false, the candidature/appointment is liable to be canceled/terminated.