

Associate Software Engineer, Mumbai, Maharashtra

Background:

Sterlite EdIndia Foundation (EdIndia) is a non-profit organization with the aim to enhance the quality of education in India. We empower teachers, administrators, and communities to enhance the classroom learning experience by leveraging technology and data analytics. Our strong understanding of grassroots challenges helps us in designing innovative tools, solutions, and frameworks to improve the educational landscape in the country. It has been provided incubation support by Sterlite Power Transmission Limited and its group companies.

Our Vision: Every child in the country has access to quality education.

Our Mission: To empower educators by enhancing teacher capabilities and fostering a culture of data-driven decision-making within the public education system

We realize our vision and mission through the following key initiatives:

- 1. Teacher Education Program:** Preparing teachers of the future by building the capacity of pre-service and in-service teachers. This includes private B.Ed institutes, District Institutes of Education and Training (DIETs), district-level officials.
- 2. Data Analytics Support Program:** Driving a culture of data-driven decision-making in the public education system
- 3. Community Empowerment Program:** Empowering the parents and communities to become active stakeholders in their children's learning journey

We are currently present in six states of India- Maharashtra, Rajasthan, Chhattisgarh, Tripura, Uttarakhand, and Arunachal Pradesh.

We are looking for a passionate **Associate Software Engineer** who is eager to contribute to the development of technology-driven education solutions. **This is a new role introduced as part of our scale-up efforts to strengthen in-house tech capabilities.** The ideal candidate should have a strong technical foundation, problem-solving mindset, and a willingness to learn and adapt to new technologies.

Job Description and Responsibilities

Location: Ghatkopar East, Mumbai, Maharashtra

Full-time | 6-month probation | 1 Position

Key Responsibilities:

- Develop and maintain applications, preferably using **Flutter** or other **front-end technologies**.
- Work with **Python** for backend scripting and automation tasks.
- Collaborate using **GitHub** for version control and code management.
- Support visual analytics to enable data-driven decision making.
- Develop and integrate with **NoSQL** databases like MongoDB.
- Deploy and manage applications on **cloud platforms** (AWS, Azure, or GCP).
- Implement and test **API** integrations for seamless data exchange between services.
- Collaborate with cross-functional teams, including designers, analysts, and educators, to build user-friendly applications.

Mandatory Skills:

- **Coding Expertise:** Proficiency in at least one programming language (preferably Flutter).
- **Python Basics:** Understanding of fundamental Python concepts.
- **GitHub Experience:** Hands-on experience with version control and repositories.
- **Visual Analytics Exposure:** Knowledge of data visualization techniques and tools.
- **NoSQL Basics:** Understanding of NoSQL databases and their applications.
- **Cloud Computing:** Basic knowledge of any cloud platform (AWS, Azure, or GCP).

Preferred Skills:

- **API Integration:** Experience in API development and integration.
- **NoSQL Database Experience:** Hands-on experience with MongoDB or similar NoSQL databases.
- **Frontend-Backend Collaboration:** Understanding of how front-end and back-end systems work together.
- **Agile Development Experience:** Familiarity with agile workflows and sprint-based development.
- **Strong Analytical Thinking:** Ability to analyze problems and develop optimized solutions.

Who can Apply:

- Education: Bachelor's or higher degree in Computer Science, IT, or a related field.
- Freshers or candidates with upto 2 years of experienced
- Passion for leveraging technology in education.
- Ability to work in a collaborative and agile development environment.
- Willingness to learn new technologies and frameworks.
- Immediate availability to join is a strong plus.

Why Join Us:

- Opportunity to work on impactful education technology projects.
 - Collaborative and growth-oriented work environment.
 - Exposure to cutting-edge technologies and real-world problem-solving.
 - A chance to contribute to the transformation of education in India.
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- **In case you are interested please click to apply at - <https://forms.gle/KJFPagJgvVEsQpca6>**