

Job Description – Full Stack Engineer Intern (React, Python, GenAI, MongoDB)

Location: [Bengaluru/Pune based on business need]

Duration: [1 year]

Type: Full time Internship (with potential for PPO)

About the Role

We are seeking a motivated **Full Stack Engineer Intern** with skills in **React, Python, MongoDB**, and an expertise/interest in **Generative AI (GenAI)**. You will work with our engineering team to build modern applications and agents that blend **scalable web technologies** with **AI-driven features**. This internship is designed for freshers who want to get hands-on with real-world projects while learning from experienced mentors.

Key Responsibilities

- Develop **front-end components and features** using **React.js**.
 - Build and maintain **back-end APIs and services** in **Python**
 - Work with **MongoDB** for data modeling, storage, and retrieval.
 - Integrate **GenAI models (LLMs, embeddings, APIs such as OpenAI)** into applications.
 - Collaborate with mentors on **debugging, testing, and optimizing code**.
 - Document your work and contribute to **team discussions, sprints, and reviews**.
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What You'll Learn

- Building **responsive and scalable front-end applications** in React.
- Designing **back-end services** and APIs in Python.
- Working with **NoSQL databases (MongoDB)** for real-world applications.
- Applying **Generative AI** to use cases like chatbots, summarization, or intelligent search.
- Deployment basics with **Git, Docker, and cloud services (AWS)**.

- Best practices in **Agile development, CI/CD, and collaboration tools.**
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Qualifications

- Currently pursuing in final year of **Computer Science Engineering/IT** or related field.
 - Basic knowledge of **React (JavaScript/TypeScript)** and **Python**.
 - Familiarity with **MongoDB** (CRUD operations, schema design).
 - Eagerness to explore **GenAI concepts and APIs**.
 - Strong problem-solving skills, curiosity, and willingness to learn.
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Nice to Have

- Prior projects using **React + Python + MongoDB** stack.
 - Exposure to **LLM APIs, prompt engineering, or AI mini-projects**.
 - Understanding of RESTful APIs and microservices.
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Perks

- Hands-on experience with **cutting-edge AI + full stack development**.
- Direct mentorship from senior engineers.
- Internship certificate & possibility of **Pre-Placement Offer (PPO)**.
- Collaborative working environment