Job Title: SDE Intern – Backend

Location: Bangalore, India
Type: Full-time Internship
Team: Backend Engineering
Company: XCaliber Health

About XCaliber Health

At XCaliber Health, we are building **The Agentic Digital Health Platform** — an intelligent system that uses AI agents and a robust data fabric to transform how healthcare data is managed, integrated, and scaled. Our mission is to simplify and modernize healthcare data operations by unifying fragmented systems into a seamless platform.

About the Role

We are looking for a passionate and driven **SDE Intern – Backend** to join our engineering team. This is a full-time internship role where you'll get hands-on experience building production-grade backend systems that support large-scale healthcare applications.

As an intern, you'll work on real-world challenges, contributing to the design and development of APIs, databases, and infrastructure that power our platform.

What You'll Do

- Work with experienced engineers to build and maintain backend services.

- Contribute to the development of APIs, databases, and data workflows.

- Write clean, testable, and well-documented code.

- Participate in code reviews, sprint planning, and team discussions.

- Learn and apply best practices in software engineering and system design.

What We're Looking For

● Pursuing a **Bachelor's degree in Computer Science** or a related field.

● Strong foundation in **computer science fundamentals** (data structures, algorithms, databases).

● Hands-on experience with **at least one backend programming language** (e.g., Golang, Python, Java, Node.js).

● Understanding of **relational databases** (e.g., PostgreSQL, MySQL).

● Good problem-solving skills and eagerness to learn.

● Excellent communication and collaboration abilities.

Nice to Have (Bonus Skills)

● Exposure to version control systems (e.g., Git).

● Understanding of REST APIs or gRPC.

● Familiarity with Docker, CI/CD pipelines, or cloud platforms (AWS/GCP).

● Previous internship or project experience building backend systems.

Why Join Us

● Work on meaningful, real-world problems in digital healthcare.

● Collaborate with top-notch engineers in a supportive environment.

● Learn how scalable backend systems are built in a fast-paced startup.

● Opportunity to convert to a **full-time position** based on performance.