

# Hari Babu Thatikonda

☎ +91-90328 05118 ✉ [haribabutatikonda3@gmail.com](mailto:haribabutatikonda3@gmail.com) [in LinkedIn](#) [GitHub](#) [G g.dev/hariT](#)

## Experience

### Tata Consultancy Services

Aug 2022 – Present

Software Engineer—Java, Spring Boot, Angular

Hyderabad, India

- **Developed and maintained Angular components and RESTful APIs using Spring Boot**, enabling seamless UI-backend integration and enhancing user experience.
- **Reduced report generation time by 40%** in the Financial Insights and Analytical Tool (FIAT) by optimizing backend logic and API performance for Verizon's finance platform.
- **Resolved 100+ application vulnerabilities** as part of Equitable's Vulnerability Remediation Team, improving overall system security and compliance.
- **Refactored legacy modules** into independently deployable microservices, reducing code maintenance time and improving scalability.
- **Reduced backend response time by 20%** by leveraging Java 8 features like Streams, Lambdas, and thread-safe operations for performance tuning.
- **Designed secure APIs** using JWT-based authentication and role-based authorization, ensuring 100% compliance in internal security audits.
- **Streamlined CI/CD pipelines** using Jenkins and GitHub, reducing manual deployment efforts by 70% and enabling faster releases.
- **Implemented centralized logging and exception handling** with Spring AOP and SLF4J, improving error traceability.
- **Collaborated across Agile teams** to deliver features in sprints, consistently meeting sprint goals and backend delivery deadlines.

## Projects

### Mental Health Application | Java, Spring Boot, Angular, Microservices, MongoDB, Ollama, Llama3

[Demo](#) [GitHub](#)

- Designed and developed an AI-powered Mental Health App using Spring Boot and Angular, demonstrating full-stack development capabilities.
- Built a microservices-based backend from scratch with secure JWT authentication and modular service orchestration for scalability and maintainability.
- Integrated Ollama and LLaMA 3 to create a real-time AI chatbot using Retrieval-Augmented Generation (RAG) for personalized mental wellness support.
- Developed a user-friendly Health Dashboard and began prototyping Fitbit integration to enable real-time health metric visualization and monitoring.

### National Scholarship Portal | Java, Spring Boot, Angular, MongoDB

[Demo](#) [GitHub](#)

- Built and deployed a full-stack scholarship management system using Spring Boot and Angular.
- Developed REST APIs for multi-role access (students, institutes, admins) and containerized the backend using Docker for deployment on Render.

## Technical Skills

**Programming Languages:** Java(17), Python, SQL, JavaScript, TypeScript

**Frontend:** Angular, HTML/CSS, Bootstrap

**Backend:** Spring Boot, Spring MVC, Hibernate, JDBC, Microservices

**Databases:** MySQL, MongoDB

**Version Control:** Git, GitHub, GitLab

**DevOps & Cloud:** Google Cloud Platform (GCP), Docker, Jenkins

**Miscellaneous:** Postman, Swagger, JIRA, JWT, Agile, Multithreading, Design Patterns

## Education

St. Ann's College of Engineering and Technology

B.Tech : **Electronics and Communication Engineering(ECE)**

July 2018 – June 2022

**CGPA: 7.15**