SRI DATTA SIDHARDHA KONDETI

Software Engineer

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SUMMARY

Software Engineering student with experience in Java, Python, SQL, and Spring Boot, focused on building scalable backend systems, RESTful APIs, and production-ready applications

SKILLS

- **Languages:** SQL, Java, Python, C++, C, HTML CSS
- **Frameworks:** Spring Boot, React
- **Databases/Cloud:** DBMS, MySQL, Supabase, Firebase, AWS, Docker, MongoDB
- **Tools & APIs:** Git, GitHub, Postman, REST APIs, Linux, Cloudflare, Generative AI

EXPERIENCE

Mentor | GirlScript Summer of Code (GSSOC)   **2025**

- Mentoring open-source contributors on full-stack development projects.
- Conducting code reviews and providing technical guidance on best practices. Facilitating collaboration within the community to streamline project workflows and open-source contributions.

PROJECTS

Vasatey | Voice-Activated Safety Application   **GitHub ->**

- Developed a full-stack Android safety application using Kotlin with MVVM architecture, Material Design 3 UI, background services, emergency photo capture, and real-time location tracking.
- Implemented offline wake-word detection ("help me") using Vosk speech recognition, enabling hands-free emergency alerts with automatic GPS location capture.
- Architected a secure backend using Supabase (PostgreSQL) with Row Level Security (RLS), JWT-based authentication, encrypted local storage, and normalized database schema.
- Built real-time notification and alert delivery system using Firebase Cloud Messaging (FCM v1), supporting multi-device token management, data-only notifications, and alert history tracking.
- Integrated RESTful APIs, Supabase Edge Functions, and Vercel serverless functions with Google Maps SDK for live location sharing, guardian tracking, and scalable emergency response.

SRIOX | Automated Web Deployment Platform   **GitHub ->**

- Built a full-stack web deployment platform using Next.js 15, React 19, and TypeScript enabling instant static website deployment from ZIP or HTML uploads.
- Designed a secure multi-tenant backend with Supabase (PostgreSQL) using Row Level Security (RLS), authentication, normalized schema, triggers, and indexed queries.
- Implemented an automated DevOps pipeline integrating GitHub REST API, GitHub Pages, and Cloudflare DNS API, while building a responsive dashboard and serverless APIs with Next.js App Router to support file uploads, ZIP extraction, CRUD operations, deployment tracking, dark mode, and atomic rollback handling.

EDUCATION

BS in Data Science and Applications   **Present**

Indian Institute of Technology (IIT), Madras

B.Tech in Computer Science and Engineering   **Present**

Pydah College of Engineering   CGPA: 8.9

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | AWS, 2025 • **Oracle Foundations AI Associate** | Oracle, 2025 • **Azure Fundamentals** | Microsoft, 2024 • **Modeling Data Relationships** | MongoDB, 2025

LANGUAGES KNOWN

English (Professional) • Hindi (Conversational) • Telugu (Native)