Sujal Samai

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ABOUT ME

Highly driven **Backend Engineer** with 1.5+ years of experience in **Java, Spring Boot, and microservices**, experienced in delivering **scalable, production-grade systems** in fast-paced startup environments. Looking for **challenging back-end and full stack roles** where I can take ownership, solve complex problems, and build high-performance solutions at scale.

EXPERIENCE

DIGIVALET | Software Engineer
July 2024 – Present | Indore, India

- **Built a Spring Boot microservice integrating** with **Oracle Opera PMS (FIAS protocol)** to handle **thousands of guest records** daily across **30+ hotel properties**, enabling reliable, scalable guest data management via **GraphQL-powered cloud services**.
- **Optimized Spring Boot microservices** by refactoring workflows and consolidating service interactions, **reducing API calls by 90%** and significantly **improving system performance, scalability, and resource efficiency**.
- **Engineered real-time communication** for **LG Pro:Centric & Samsung Tizen TV apps** with **MQTT integration, deployed in 3000+ hotel rooms across 5 properties**, ensuring low-latency sync between smart TVs and guest devices while eliminating code rewrites for new TV models.
- **Integrated Music Modules & Guest Room Management Services (GRMS)** using **socket programming & serial connections**, **powering 150+ device** types across **50+ hotel properties** and enabling centralized in-room system control to boost guest satisfaction and operational efficiency.
- **Developed Alexa integrations with OAuth 2.0**, now running in **7000+ hotel rooms across 10+ properties**, delivering secure, voice-activated smart-room automation and expanding the hospitality product's hands-free, next-gen capabilities.

DIGIVALET | Software Engineer Intern
Jan 2024 – June 2024 | Indore, India

- **Developed a microservice to integrate multiple smart door lock systems** from different vendors, ensuring seamless interoperability and centralized management.
- **Enhanced the streaming capabilities** by **enabling secure streaming of encrypted channels and optimizing support for HLS (HTTP Live Streaming)** based channels, **increasing content delivery reliability by 25%** and expanded the product's compatibility with premium content providers, driving broader customer adoption.

PROJECTS

GREENKART | Next.js, MongoDB, Stripe API
Dec 2023 – Jan 2024 | Indore, India

- Developed a B2C e-commerce platform for organic, eco-friendly products from Indian startups.
- Developed APIs using Next.js serverless functions, and integrated MongoDB for scalable data management and Stripe API for secure payment processing.

GITSHOW | React.js, Github API, Tailwind, Firebase
Feb 2023 – April 2023 | Indore, India

- Built a social platform for developers to showcase GitHub projects with a modern UI.
- Leveraged Firebase for a robust backend and React.js with Tailwind CSS for a responsive frontend for scalability, faster page loads, and a smooth experience along with using Github APIs.

EDUCATION

MEDICAPS UNIVERSITY | Bachelor of Technology in Computer Science
July 2024 | Indore, India | **Cum. GPA: 9.15 / 10.0**

SKILLS

LANGUAGES: Java | SQL | JavaScript
TECHNOLOGIES: SpringBoot | MicroServices | Rest APIs | GraphQL | Kafka | MQTT
DATABASES: MySQL | MariaDB
TOOLS: Git/Github | PostMan | Linux | Maven