

# Krishna Viramgama

## Software Engineer

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### SUMMARY

Backend / Full-Stack Software Engineer with **2+ years of experience** building and enhancing **enterprise backend services**. Strong hands-on experience in **Java (Spring Boot)** and **Node.js**, working on **business-driven development demands**, REST APIs, batch processing, and production-grade systems. Experienced in **requirements analysis, impact assessment, and end-to-end feature delivery** within agile teams.

### EXPERIENCE

#### Software Engineer

08/2024 - Present

NCSI

Pune

##### Singtel Enterprise IT

- Developed and enhanced backend features for **Java Spring Boot microservices** supporting **high-volume enterprise telecom systems**
- Worked on **business-driven development demands**, collaborating with **solution architects** to perform **technical impact analysis**, scope definition, and delivery estimation
- Developed automated batch jobs that **read telecom plan data from Oracle Database** and **trigger required plan updates through REST APIs**, reducing manual intervention.
- Improved batch job logic to **accurately process telecom plan changes** by fixing **business rules and validity date calculations**
- Developed and optimized **SQL queries** for batch workflows, ensuring **data consistency across billing systems**
- Delivered multiple **backend feature enhancements and production bug fixes**, improving **service stability** and reducing **recurring issues**
- Owned maintenance and optimization** of **60+ scheduled multithreaded batch jobs** supporting critical telecom business workflows
- Developed **shell-based automation scripts** to streamline **deployment and post-release validation**, reducing release effort by **~30 minutes**.
- Participated in **code reviews, testing cycles, and production deployments**, ensuring quality and controlled releases
- Collaborated closely with **QA, infrastructure, and business stakeholders** across the SDLC

#### Software Engineer

08/2023 – 08/2024

Authenticall

Remote

- Developed **full-stack proof-of-concept applications** to demonstrate product ideas and technical feasibility
- Designed and implemented **RESTful APIs** using **Node.js and Express.js** for authentication and business workflows
- Documented APIs using **Swagger/OpenAPI** for clear frontend-backend integration
- Built **React-based user interfaces** from Figma designs and integrated them with backend services
- Enforced **end-to-end integrations** across frontend, backend, and blockchain components
- Developed **Solidity smart contracts** for digital ownership and certificate verification use cases
- Worked in **agile sprint cycles**, contributing to planning, development, and iterative delivery

### SKILLS

**Languages:** Java, JavaScript, TypeScript, C++, Shell Scripting

**Backend:** Spring Boot, Node.js, Express.js, REST APIs, Microservices, Kafka

**Databases:** PostgreSQL, Oracle SQL, MongoDB

**Frontend:** React, HTML, CSS

**Tools & Cloud:** Docker, Git, AWS (EC2, S3, Lambda), Jenkins, ELK Stack, Postman, Swagger

**Methodologies:** Agile/Scrum, SDLC, Requirements Analysis, System Design

### PROJECTS

**Better Link – Android Emergency Response Application** | Java, Android Studio, IoT, Firebase

SSIP Winner

- Implemented backend workflows for **real-time patient data synchronization**
- Enabled real-time coordination between **paramedics, drivers, and hospital staff**
- Integrated IoT-based triggers for emergency alerts and monitoring

**Aadhaar Address Update Middleware** | HTML, CSS, JavaScript, React, Node.js, Twilio

SIH Hackathon Finalist

- Designed middleware to synchronize address data between **Aadhaar and banking systems**
- Built **secure REST APIs** for sensitive inter-system data exchange
- Integrated **Twilio WhatsApp APIs** for automated notifications and confirmations
- Implemented validation and error-handling mechanisms to ensure **data integrity**

### EDUCATION

**Vishwakarma Government Engineering College**

BTech in Computer Engineering; GPA 8.82

Ahmedabad

07/2021 – 05/2024

**Government Polytechnic for Girls**

Diploma in Computer Engineering; GPA 9.85

Ahmedabad

07/2018 – 05/2021