

Sumanth Gowda HL

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Professional Summary

Java Backend Developer with 3+ years of experience in **backend development and scalable enterprise applications**. Proficient in **Core Java, Spring Boot, REST APIs, SQL, and CI/CD pipelines**. Passionate about writing clean, maintainable code and actively contributing to Agile teams with proven track record in **automation and system optimization**.

Technical Skills

- **Programming:** Java (3+ years), Python, SQL, HTML, CSS
- **Frameworks & APIs:** Spring Boot, Spring Framework, RESTful APIs, NX API, StarCCM+ API
- **Databases & Tools:** MySQL, PostgreSQL, Git, GitHub, Maven, JUnit, Qt Designer
- **Cloud & DevOps:** AWS, Azure, CI/CD Pipelines, Build & Deployment Workflows
- **Specialized:** Backend Development, API Integration, Automation, Clean Code Practices

Professional Experience

Backend Developer (Java), Tata Consultancy Services

India

Jul 2024 - Present

1+ Years Experience

- Developed **scalable RESTful APIs** using Spring Boot, enabling seamless client-server interaction for **enterprise applications**
- Built **secure API integrations** with hands-on experience in Spring Boot and RESTful Framework for backend systems
- Configured **CI/CD pipelines** using Maven, Git, and GitHub, improving system reliability and reducing **manual errors by 20%**
- Enhanced backend development workflows through automated build and deployment processes

Software Engineer, Tata Consultancy Services

India

Jun 2022 - Jun 2024

2 Years Experience

- Built **responsive front-end interfaces** using HTML, CSS integrated with backend services via RESTful APIs
- Designed **user interfaces for standalone Python tools** using Qt Designer, enhancing usability for engineering teams
- Collaborated closely with clients, maintained **detailed documentation**, and mentored colleagues on tools and technologies
- Followed **clean code practices** and contributed to code reviews and refactoring initiatives

Projects

Real-Time Weld Monitoring System

Java, Spring Boot, React, PostgreSQL, ML Integration

2024

- Designed real-time weld monitoring system using **Spring Boot and React** to track failed modules through busbar data
- Developed **PostgreSQL database schema** for Plant, Station, Module, Busbar entities using Spring Data JPA
- Built **RESTful APIs** with Spring Boot supporting real-time data access and ML-based strength prediction

Battery Layout Automation Tool

Java, NX Open API, Automation

2023

- Automated battery pack layout generation using **NX and Java automation** with dynamic variable linking
- Reduced manual effort for battery pack design identification by **30%**, significantly improving efficiency

Material Selector GUI & Portfolio Website

Python, PyQt, HTML, CSS, Pandas

2022-2023

- Developed **standalone Python tool** using Qt Designer for automated 3D printing material selection
- Integrated **dynamic CSV filtering** using Pandas and external solver add-in for complex data operations
- Designed responsive **portfolio website** with clean HTML/CSS layout showcasing skills and projects

Education

B.E. Mechanical Engineering, Navkis College of Engineering (VTU)

GPA: 8.1/10

2017 - 2021

Karnataka, India

Coursework: Java, Spring Boot

Backend Development Focus

Additional Training

Achievements & Leadership

- Reduced CI/CD errors by **20%** through automated pipeline configuration and deployment optimization
- Received **TCS Automation Award** for outstanding contributions to automation initiatives
- **Google Cloud Certified** (2023) and **PDCA CI/CD Certified** demonstrating cloud and DevOps expertise
- Led **automation initiatives**, conducted team meetings, and actively contributed to code reviews and refactoring
- Mentored team members through **knowledge transfer sessions** and client interactions

Additional Information

- **Languages:** English (Fluent), Hindi (Native), Kannada (Native)
- **Leadership:** Team meetings, client interactions, mentoring, knowledge transfer sessions
- **Interests:** Backend Development, System Architecture, Automation, Clean Code Practices