

# 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

### Java Backend Developer, Tata Consultancy Services

Jun 2022 - Present

Associate Software Engineer — 3+ Years Experience

India

- Developed **scalable RESTful APIs** using Spring Boot for enterprise applications serving multiple clients
- Built **secure API integrations** and configured **CI/CD pipelines** reducing manual errors by **20%**
- Designed **responsive interfaces** using HTML, CSS, Python Qt Designer for engineering automation tools
- Maintained documentation, mentored colleagues, and followed **clean code practices** with code reviews

## Projects

### Real-Time Weld Monitoring System

2024

Java, Spring Boot, React, PostgreSQL, ML Integration

- Designed real-time monitoring system using **Spring Boot and React** with PostgreSQL database schema
- Built **RESTful APIs** supporting real-time data access and ML-based strength prediction algorithms

### Battery Layout Automation Tool

2023

Java, NX Open API, Automation

- Automated battery pack layout generation using **NX and Java automation**, reducing manual effort by **30%**

## Education

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

2017 - 2021

GPA: 8.1/10 — Coursework: Java, Spring Boot

Karnataka, India

## Achievements & Certifications

- Reduced CI/CD errors by **20%** through automated pipeline optimization — **TCS Automation Award** recipient
- **Google Cloud Certified** (2023) and **PDCA CI/CD Certified** with proven DevOps expertise
- Led automation initiatives and mentored team members through knowledge transfer sessions

## Additional Information

- **Languages:** English (Fluent), Hindi (Native), Kannada (Native) — **Interests:** Backend Development, System Architecture