

# Anandappa Kukamalli

Sr. Solution Developer | Java | Spring Boot | Microservices

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## PROFESSIONAL SUMMARY

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Java Developer with 3.6 years of experience in **designing and developing scalable** applications using **Spring Boot, Microservices, and MySQL**. Proficient in building **RESTful APIs**, database optimization, and implementing secure, high-performance backend solutions. Strong knowledge of **SDLC and Agile methodologies** with hands-on expertise in **Git, and CI/CD pipelines** for delivering robust enterprise applications.

## WORK EXPERIENCE

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### Tata Technologies limited | Sr. Solution Developer

June 2022 – Present

- Designed, developed, and deployed Java-based applications using **Spring Boot, Hibernate, and RESTful APIs**, improving system performance by 30%.
- Developed user-friendly **web portals** for clients on a **connected vehicle platform**, including **real-time tracking, diagnostics, and visual analytics**.
- Implemented **RESTful APIs and middleware** to enable seamless communication between **front-end and back-end systems**.
- Utilized **Maven** for build automation and dependency management, streamlining the **CI/CD pipeline**.
- Implemented **microservices architecture** improving **scalability and reducing** system time.
- Applied **multithreading, collections, and design** patterns to solve complex business problems and Mentored junior developers and reviewed pull requests, ensuring adherence to coding standards.
- Automated **Kafka** message ingestion and optimized data transfer to **AWS (S3/EC2)**, enhancing data processing efficiency and reliability.

### IFB Automotive Industries | Creative Engineer

December 2020 – August 2021

- Improved quality control processes, reducing product defects and enhancing customer satisfaction.
- Created process documentation and reports for management, supporting data-driven decision-making.
- Performed QA inspection on DC motors to ensure compliance with dimensional and functional specifications.
- Handled customer queries and complaints, providing timely and effective resolutions and Coordinated with cross-functional teams to resolve technical and service-related issues.

## SKILLS

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- **Languages & Core:** Java, SQL, OOP, Multithreading, Collections.
- **Frameworks:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Microservices, REST APIs.
- **Databases & Tools:** SQL, MySQL, Postman, Maven, GitHub, Spring Tool Suite (STS).

## EDUCATION

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Bachelor of Engineering (ECE) | AIET | Kalaburgi | 7.3 CGPA | 2019

Diploma | N V S Polytechnic | Kalaburgi | Diploma (ECE) | 76.68% | 2016

## Projects

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### CVP Connected Vehicle (Web Application)

- Built a web application enabling real-time **vehicle connectivity, monitoring, and data visualization**.
- Designed and implemented **REST APIs** for communication between IoT-enabled vehicles and the web app.
- Developed **interactive dashboards** for visualizing vehicle Telemetry, Events, health, location, and alerts using **Google Map and Chart.js**.
- Ensured **data security and scalability** by implementing **JWT authentication, LDAP and cloud deployment on AWS**.
- Tech Stack: **Java, Spring Boot, Maven, MySQL, Microservices & AWS S3**.

### IVIDMS & VSOH – Vehicle Information & Software Update Platform

- Built **Spring web applications** for managing PV, EV, and CV vehicle information and enabling **FOTA (Firmware Over-The-Air) updates**.
- Integrated with **AWS S3** for firmware upload and **cloud messaging triggers** for real-time alerts.
- Developed **REST APIs** for vehicle-cloud communication and data management.
- Tech Stack: **Spring Boot, Java, MYSQL, AWS S3, Kafka, REST APIs**.

## Achievements & Awards

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- Awarded **Championship of the Month – Tata Technologies** (Nov 2023) for exceptional contributions.
- **Designed and deployed microservices** handling **1M+ Kafka events monthly**.
- Improved platform **efficiency by 30% and reduced response times by 25% in production** systems.