

# Ketan Jayant Kannao

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**Location:** Nagpur    **DOB:** 07 March 1998

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## SUMMARY

- An Engineer with 3+ years of experience with full stack web development technologies.
- Tech Skills: Core Java, Spring Boot, Javascript, React.js , Amazon Web Services (AWS), Dynamodb, SQL, Jenkins.
- Having knowledge of Frameworks like Spring, JPA. Good understanding of OOPS concepts.
- Overall responsibility for the day-to-day operations of the project are connecting with clients, developing user stories, Troubleshooting, debugging, upgrading existing systems and deployment.
- Applied and used Agile Development methodology in the project.
- Excellent team player with problem solving skills.

## EXPERIENCE

### **TATA Consultancy Services, Nagpur — System Engineer**

March 2021 - October 2023

**Project Name :** Global Customer Vehicle Service Interface (GCSI)

**Team size :** 7

**Technology :** Java, Spring Boot, React.js, AWS

**Client :** Stellantis

#### **About Project:**

This project mainly falls under Connected Vehicle Platform. GCSI is a platform where users can see all information coming from different components/devices installed in connected vehicles and also complete vehicle details, User details which involves Remote Operations, Telematic Box information, Subscription Information, Vehicle trips etc. This platform is used to troubleshoot the issues occurring in Connected Vehicle.

#### **Responsibilities:.**

- Guiding a team of 3 for backend development for completing the user requirement.
- Development of complete end to end user stories as per business requirement
- Writing and implementing efficient and reusable code in Java.
- Optimized the existing code for better usability which reduced the time complexity.
- Improved DB calls to improve response time.
- Maintained code quality.
- Developing Restful APIs using Java, Spring Boot.
- Developing UI using React.js, JavaScript, Html, CSS.
- Using AWS services like Cognito, EBS, DynamoDB, Cloudwatch, S3.

## CAREER OBJECTIVE

To leverage my engineering skills and innovation in a collaborative environment, contributing to impactful projects, and driving organizational excellence through problem-solving and process optimization.

## SKILLS

**Technologies:** Java, JavaScript, React.js, AWS

**Databases:** MySQL, Oracle

**Web Framework:** Spring Boot, React BootStrap

**Agile Development Methods:** Scrum

## EDUCATION

**Bachelors of Engineering -**  
G.H. Raison College of Engineering(GHRCE), Nagpur  
University: RTMNU  
Year of passing: 2020  
CGPA: 9.04

**Diploma in Engineering -**  
Acharya Shrimannarayan Polytechnic, pipri, Wardha  
Board: MSBTE  
Year of passing: 2017  
Percentage: 79.85 %

**S.S.C. - New English High School & Junior College,**  
Wardha, Maharashtra, India  
Board: Maharashtra State Board

- Deploying Application using Jenkins CI/CD pipeline.
- Followed and documented all standard operating procedure (SOP) which is currently being used in teams.
- Providing technical assistance and end user troubleshooting for bug fixes.
- Communicating effectively with globally distributed clients.

Year of passing: 2014

Percentage: 83.63 %

## ACHIEVEMENTS

Received Best Project Award

## CERTIFICATIONS

**AWS Essential Training for Developers (2019) - LinkedIn**

Credential Id:

AbqZUesXPLsFAt5NkujoFXXJjSXJ

**Learning Spring with Spring Boot (2019) - LinkedIn**

Credential Id:

MxOJWNsfzheqST3Wc-Dx

## LANGUAGES

English, Hindi, Marathi

**TATA Consultancy Services, Nagpur**— System Engineer

October 2023 - PRESENT

**Project Name :** Firmware Update Over The Air (FOTA)

**Team size :** 12

**Technology :** Java, Spring Boot, React.Js, AWS

**Client :** Stellantis

**About Project:** The Firmware Over-the-Air (FOTA) update system with Hawkbit integration for vehicles project aims to develop a comprehensive solution tailored specifically for remotely updating firmware in automotive systems. By integrating Hawkbit, an advanced FOTA platform, this project seeks to leverage its capabilities to enhance the efficiency, security, and reliability of firmware updates for vehicles in a connected environment.

### Responsibilities:

- Development of complete end to end user stories as per business requirement
- Writing and implementing efficient and reusable code in Java.
- Optimized the existing code for better usability which reduced the time complexity.
- Improved DB calls to improve response time.
- Maintained code quality.
- Developing Restful APIs using Java, Spring Boot.
- Reviewing Code and suggest code enhancement and merge PR requests.
- Deploying Application using Jenkins CI/CD pipeline.
- Followed and documented all standard operating procedure (SOP) which is currently being used in teams.
- Providing technical assistance and end user troubleshooting for bug fixes.
- Communicating effectively with globally distributed clients.
- Writing Junit Test Cases for developed Rest APIs.
- Create comprehensive documentation for developers, system administrators, and end-users using Jira Confluence.