

# AJAY KUMAR K

Angular Developer

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## Professional Summary

Front-end Developer with 4.6+ years of experience in Angular (v2–19), TypeScript, and JavaScript. Delivered real-time EV tracking, HRMS, and e-commerce platforms. Improved load times by 30% with lazy loading, RxJS optimization, and change detection tuning. Achieved 90%+ unit test coverage using Jasmine/Karma and integrated REST APIs, Google Maps, and Chart.js for visualization and location services. Skilled in Git, SonarQube, Firebase, and Azure DevOps with strong focus on responsive design, secure coding, and Agile delivery.

## Skills

• Angular • TypeScript • JavaScript • Angular Material • NgRx • RxJS • PrimeNG • HTML • CSS • Bootstrap • REST APIs • Responsive design • Jasmine • Git • SonarQube • Google Maps • Chart.js • Firebase • Figma • Postman • VS Code

## Work Experience

### Portal Software Developer

TI Clean Mobility Pvt Ltd

Jul 2024 - Present  
Chennai, Tamil Nadu, India

- Developed and maintained Angular applications 17, delivering new features and resolving bugs, improving sprint velocity by 20%.
- Wrote unit tests with Jasmine/Karma and increased code coverage to 90%, ensuring high-quality releases.
- Applied SonarQube standards and secure coding practices, reducing production defects by 25%.
- Conducted sprint demos, created documentation, and provided technical solutions to improve team efficiency.

### Software Engineer

RapidData IT Solutions Pvt Ltd

Mar 2021 - Jun 2024  
Chennai, Tamil Nadu, India

- Built and maintained Angular 15 applications using TypeScript, PrimeNG, Angular Material, HTML, and CSS, delivering 15+ scalable features and reducing UI defects by 25%.
- Applied SonarQube standards and wrote unit tests with Jasmine/Karma, achieving 90%+ coverage and reducing defects by 25%.
- Integrated REST APIs, Firebase, Google Maps, and Chart.js, enhancing real-time performance and user experience.
- Optimized application performance by 30% through RxJS and lazy loading, and ensured zero-downtime production deployments.

## Projects

### Electric Vehicle Tracking Platform

Jul 2024 - Present

Built real-time EV tracking with battery analytics, diagnostics, geo-fencing, alerts, and role-based insights.

• Angular • TypeScript • JavaScript • NgRx • PrimeNG • Google Maps • PrimeNG • Jasmine

### Human Resource Management Platform

Mar 2021 - Jun 2024

Developed all-in-one HRMS application covering payroll, employee management, geo-fencing-based attendance, and performance tracking

• Angular • TypeScript • JavaScript • Angular Material • Google Maps

### E-Commerce and Content Management Platform

Mar 2021 - Jun 2024

Developed an on-demand service portal for booking transportation, home maintenance, wellness, and other services.

• Angular • TypeScript • JavaScript • Angular Material

## Education

### Bachelor of Engineering

SA Engineering College

Computer Science

2017 - 2021  
Chennai, Tamil Nadu, India  
GPA: 8/10