

Bhuvanesh C

Senior Software Engineer | Senior Angular Developer | Full Stack Developer | Node.js Developer

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Summary

Senior Software Engineer with **4.5+ years of experience** in designing, developing, and delivering scalable web and mobile applications using **Angular, TypeScript, JavaScript (ES6+), Node.js, Express.js, NestJS, Ionic Framework, HTML5, CSS3, Tailwind CSS, REST APIs, Socket.IO, WebSockets, and Microservices**.

Proficient in developing responsive Single Page Applications (SPA), reusable Angular components, secure backend APIs, and real-time applications. Hands-on experience implementing **JWT Authentication, OAuth 2.0, Role-Based Access Control (RBAC), CI/CD pipelines, MySQL, Sequelize, TypeORM**, and third-party integrations including **Payment Gateway, WhatsApp API, SMS Gateway, Email Services, and Phone Verification (OTP)**.

Experienced in delivering enterprise solutions across **Finance, Loan Management, Trading, and Field Service Management** domains. Passionate about writing clean, maintainable code, optimizing application performance, mentoring developers, and building scalable software solutions following Agile methodologies.

Experience

Tata Consultancy Services

Chennai

IT Analyst (C2)

April 2026 - Present

- Working within the Application Development and Maintenance (ADM) practice to support enterprise application development and modernization initiatives.
- Enhancing expertise in Angular, Node.js, enterprise software architecture, and secure application development.
- Participating in Agile ceremonies, technical discussions, knowledge-sharing sessions, and coding best practices.
- Contributing to application maintenance, debugging, performance improvements, and continuous learning initiatives.
- Preparing for enterprise project delivery by strengthening full-stack development skills and software engineering best practices.

Synamen Thinklabs Pvt. Ltd.

Chennai

Senior Software Engineer

October 2021 - March 2026

- Developed scalable enterprise web and mobile applications using **Angular, Ionic Framework, Node.js, Express.js, NestJS, TypeScript, and JavaScript**.
- Designed and developed reusable Angular components, shared modules, and services to improve maintainability and development productivity.
- Built responsive and user-friendly Single Page Applications (SPA) using Angular, RxJS, and modern UI development practices.
- Developed secure RESTful APIs using Express.js and NestJS with JWT Authentication, OAuth 2.0, and Role-Based Access Control (RBAC).
- Designed and implemented backend business logic using Express.js and Node.js following REST architecture principles.
- Built real-time communication modules using Socket.IO and WebSockets.
- Worked on Microservices architecture to improve scalability, modularity, and independent service deployment.
- Developed database models and optimized SQL queries using MySQL, Sequelize, and TypeORM.
- Integrated third-party services including Payment Gateway, WhatsApp Business API, SMS Gateway, Email Notifications, and Phone Verification (OTP).
- Improved application performance through lazy loading, API optimization, reusable components, and efficient state management.

- Participated in requirement gathering, solution design, sprint planning, estimation, and client discussions.
- Collaborated with UI/UX designers, QA engineers, DevOps teams, and business stakeholders to deliver enterprise-grade applications.
- Implemented CI/CD practices and followed Git-based version control workflows.
- Conducted code reviews, mentored junior developers, and promoted clean coding standards and best practices.
- Provided production support, resolved critical issues, and ensured application stability and reliability.

Open-Source Contributions

npm-warden

Developed an open-source CLI tool that audits npm dependencies for:

- Security vulnerabilities
- Outdated packages
- Dependency maintenance risks

Implemented dependency analysis and automated reporting to improve software reliability and maintainability.

<https://www.npmjs.com/package/npm-warden>

cloudflare-kit

Created a TypeScript toolkit for Cloudflare Workers featuring:

- Middleware-based routing
- Authentication support
- Scalable edge application architecture

Designed to improve developer productivity and simplify edge application development.

<https://www.npmjs.com/package/cloudflare-kit>

Education

St. Peter's Institute of Higher Education and Research

Bachelor of Technology • 6.5

Information Technology

Chennai • 2016 – 2020

Built a strong academic foundation in **programming, web development, software engineering, database management, networking, and application development**, which supported my transition into Full Stack Development.

Skills

 **Angular**

 **TypeScript**

 **Javascript**

 **HTML5**

 **CSS3**

 **Tailwind CSS**

 **Angular Material**

 **RxJS**

 **Ionic Framework**

 **Responsive Web Design**

 **Node.js**

 **Express.js**

 **NestJS**

 **RESTful APIs**

 **Socket.IO**

 **WebSockets**

 **Microservices**

 **JWT Authentication**

 **OAuth 2.0**

 **MySQL**

 **Sequelize**

 **TypeORM**

 **Payment Gateway**

 **SMS Gateway**

 **Git**

 **Postman**

 **npm**

 **Agentic AI Workflows**

 **Prompt Engineering**

 **GitHub Copilot**

 **Claude**

 **Cursor AI**