# Yuvaraj S

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## SUMMARY

**Full-Stack (MERN) Developer with 7+ years of experience building scalable web applications using React, Angular, Vue.js, Node.js, Express, SQL, and MongoDB. Strong expertise in REST API development, authentication, state management (Redux, Pinia), UI/UX optimization, debugging, and full-stack deployment. Experienced in upgrading legacy applications, designing backend services, and delivering end-to-end enterprise solutions.**

## TECHNICAL SKILLS

**Frontend:** React, Redux, React Router, Angular, Vue 3.0, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS
**Backend:** Node.js, Express.js, REST API Development, Authentication (JWT, Cookies), Middleware, API Security
**Databases:** MongoDB, Mongoose, SQL (MySQL/PostgreSQL)
**Tools & Platforms:** Git, GitHub, GitLab, Postman, Render
**Testing:** Karma, Jasmine, Unit Testing, Integration Testing

## FULL-STACK PROJECTS

**Food Management System (MERN Full-Stack Application)**
- Developed REST APIs using **Node.js** and **Express** for authentication, user roles, CRUD operations, and analytics.
- Integrated backend with a React frontend using Axios and Redux for state management.
- Used **MongoDB + Mongoose** for schema design and data modelling.
- Deployed the complete stack on **Render**

**Attendance Tool (Full-Stack Application)**
- Built server-side features like login, attendance tracking APIs, and admin dashboard functionalities.
- Used Express middleware for validation and backend error handling.
- Database integration with SQL.

**Baker Hughes – Case Management, CSAS, Cyber Security (Angular + Node.js Full-Stack Application)**
- Developed full-stack application modules using **Angular** for the frontend and **Node.js + Express** for backend APIs.
- Built backend services for Case Management, CSAS, and Cyber Security application, ensuring scalable and maintainable architecture.
- Integrated Angular UI with REST APIs using HTTP Interceptors, RxJS, and reusable component-driven architecture.
- Worked with **SQL** based on module requirements, handling schemas, data modelling, and reporting logic.
- Collaborated with cross-functional teams to deliver high-quality full-stack features for global enterprise applications.

## EXPERIENCE

**Wissen Infotech**                                           **1 April 2025 - Present**
*Role - Senior Software Engineer (Full Stack Developer - MERN)*          *Bangalore, India*

- Leading development of scalable backend services using **Node.js** and **Express** for internal applications.
- Architecting full-stack modules integrating **React + Redux** frontend with REST APIs.
- Optimizing MongoDB queries, schema design, and data modelling for high-performance workflows.
- Mentoring junior developers and performing code reviews to ensure clean code and best practices.
- Driving migration of enterprise-level applications from **AngularJS** to **Vue 3.0**.
- Overseeing deployments, CI/CD improvements, and ensuring 90%+ test coverage.

**Wissen Infotech**                                           **8 Dec 2023 - 31 March 2025**
*Role - Software Engineer (Full Stack Developer - MERN + Frontend)*          *Bangalore, India*

- Built and maintained **Node.js + Express** APIs for Food Management and Attendance Tool applications.
- Developed backend modules including authentication, CRUD operations, middleware, and logging.

- Worked with **SQL** for schema design, db structure.
- Delivered **full-stack** features for Baker Hughes using Angular (frontend) and Node.js/Express (backend) across Case Management, CSAS, and Cyber Security platforms.
- Assisted in migration of apps from **AngularJS** to **Vue 3.0** using Pinia, Vue Router, and Vuetify.
- Maintained 90%+ unit test coverage using **Karma** and **Jasmine**.

## Digit Insurance                                              12 Aug 2021 - 6 Dec 2023
*Role - Junior Frontend Developer*                                        *Bangalore, India*

- Developed UI components and features using **Angular**—Directives, Pipes, Routing, Lazy Loading, and HTTP Services.
- Worked on bug fixes and contributed to feature enhancements using **React**, utilizing hooks, props, conditional rendering, and code splitting.
- Implemented unit testing and end-to-end testing to ensure application stability and reliability.
- Handled releases, deployments, and debugging for Car Insurance, Cashless Garages, Cashless Hospitals, Health Insurance, and Business Insurance modules.

## Digit Insurance                                             13 Aug 2018 - 12 Aug 2021
*Role - Undergraduate Trainee*                                            *Bangalore, India*

- Improved UI/UX, fixed CSS issues, and implemented **Angular Form Validation** with clean and responsive layouts.
- Addressed user behaviour analytics using **MoEngage**, **Adobe Analytics**, and internal datalayer tracking.
- Enhanced SEO, optimized page load, and removed unused CSS to improve landing page performance.
- Conducted API testing using Postman to validate functionality and performance.
- Performed QA testing, identified bugs, and collaborated with developers to improve app quality.

## EDUCATION

## Bachelor of Commerce (BCom) - CGPA - 3.5/4.0               August 2018 - May 2021
*Christ University, Bangalore*                                            *Bangalore, India*