

Ajay Suryawanshi

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Profile Summary

Experienced Senior Software Engineer with expertise in Node.js, Vue.js, PostgreSQL, and cloud platforms like AWS. Proven experience in designing and developing scalable web and mobile applications across various areas. Skilled in full-stack development, improving performance, and working with teams to achieve goals. Passionate about solving problems and delivering high-quality solutions.

Technical Skills

Backend:	Node.JS, Express, Sequelize, ORM, Socket.io, REST API, Redis
Frontend:	Vue JS – Vue 2, Vue 3, Nuxt, Vuex, Pinia, JavaScript, HTML/CSS, Electron.js Bootstrap, Primevue, Vuetify, Tailwind css, Ant Design Vue
Cloud Services:	AWS EC2, AWS S3, Gitlab, Jira
Databases:	MongoDB, MySQL, PostgreSQL

Professional Experience:

Sr. Software Engineer (Vue.js, Nodejs, PostgreSQL)

Ajira Software India Pvt. Ltd. | May 2024 – Present

- Built user-friendly web pages using Vue.js to improve the user experience.
- Improved backend systems using PostgreSQL for better data handling.

Sr. Software Engineer (Node.js, Vue.js, PostgreSQL, Electron.js)

DarkBlues DevOps Pvt. Ltd. | Jan 2024 – Apr 2024 (Contractual Position)

- Created backend features and connected them with Vue.js in a desktop application.
- Made real-time communication smoother using Socket.io and Node.js.

Sr. Software Engineer (Node.js, Vue.js, MongoDB, MySQL, Electron.js)

Trecent Systems Pvt. Ltd. | Nov 2021 – Dec 2023

- Built mobile-friendly web pages using Vue.js and BootstrapVue.
- Improved backend functions using Node.js and Sequelize for better database operations.
- Used MongoDB and MySQL to store and get data easily.
- Helped in both frontend and backend tasks to speed up project work.
- Set up production servers using AWS EC2 and stored files using AWS S3.

Software Engineer (NodeJS, MongoDB)

Aloha Technology Pvt. Ltd. | Apr 2021 – Sep 2021

- Created and supported backend systems using Node.js and MongoDB.
- Worked on the full project cycle, from collecting requirements to deployment.

Projects

Intellifroi (Work comprehensive insurance app and web application) | 2024

Engineered a web and mobile platform designed to streamline communication and claims management within the US insurance sector.

Key responsibilities:

- Developed and maintained web and mobile platforms using Vue.js 3 to enhance user experience and optimize application performance for the insurance sector.
- Implemented and optimized RESTful APIs using C#.
- Wrote unit tests using Vitest.
- Managed PostgreSQL databases for efficient data storage and retrieval, contributing to the scalability and speed of the application.
- Utilized SonarQube for continuous code quality analysis, identifying and resolving potential bugs, vulnerabilities, and code smells.
- Troubleshoot and resolved technical issues in both development and production environments.
- Ensured adherence to coding standards and best practices, contributing to the overall maintainability and quality of the application.

HTAP (Cyber security desktop application) | 2024

Devised and implemented a STIG-based vulnerability management system, ensuring compliance with NIST security protocols.

Key responsibilities:

- Designed and developed a desktop application using Vue.js, Node.js, and Electron.js.
- Integrated STIG-based vulnerability management to ensure the application met NIST security protocols and effectively identified potential security gaps.
- Developed and maintained PostgreSQL databases.
- Implemented and tested STIG compliance checks.
- Developed the application installer using NSIS.

ATMS (Advanced Traffic Management System) | 2023

Led the development of an advanced traffic monitoring system that processes 5 million+ data points per day, aiding government decision-making on transportation infrastructure.

Key responsibilities:

- Developed the front-end application using Vue.js, focusing on user-friendly interfaces to present traffic data clearly and intuitively for government and transportation officials.
- Implemented back-end functionality using Node.js.
- Integrated MySQL databases
- Utilized Redis for caching to optimize the system's performance by reducing database load and improving response times for real-time traffic monitoring.
- Integrated third-party APIs like eChallan.

Toll Management System Desktop Application | 2023

Delivered a desktop application for the Indian government to optimize toll collection and monitoring across multiple highway plazas.

TeleHealth Web + Mobile Application – StepAhead Health | 2022

Developed a scalable telehealth platform, providing end-to-end solutions from backend architecture to user interface design, currently serving a growing user base.

Delivery Management System – RZY Express | 2021

Streamlined logistics operations with a multiuser system for efficient management of delivery orders, improving warehouse-to-consignee workflows.

Academic Details

Zeal College of Engineering & Research, University of Pune
Bachelor of Information Technology