

Rajvardhan Jadhav

Software Engineer



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📍 Bengaluru, Karnataka

🔗 portfolio

LinkedIn

Github

👤 PROFILE

Software Engineer specializing in full-stack development and production support, with a strong focus on building scalable applications and ensuring system reliability. Proficient in modern web technologies, debugging critical issues, and collaborating in agile teams to deliver high-quality solutions.

🧠 SKILLS

Frontend

React.js, Next.js, Material UI, Redux, Puppeteer, Handlebars, React Hook Form, HTML, CSS

Backend

Node.js, Express.js, MongoDB, Redis, Socket.IO, RabbitMQ, OAuth

DevOps / Tools

Docker, Azure, Nginx, Ansible, Git

Other Skills

REST APIs, Microservices, Authentication & Authorization, Debugging, Production Support, Production Deployments

🎓 EDUCATION

Full Stack Web-Development (Full Time)

Masai School, Bengaluru.

Aug 2022 – Jul 2023 | Bengaluru, Karnataka

B.tech in Aeronautical Engineering,

A.D.C.E.T

Aug 2018 – Apr 2023

💼 PROFESSIONAL EXPERIENCE

Software Engineer

Health Vectors ↗

Aug 2023 – Present | Bengaluru

• Report Generator (Health PDF Generator):

- Reduced page load time by 50% by minimizing CSS, JS, and markup payloads.
- Refactored 40% of the codebase to ES6, improving readability and maintainability.
- Optimized for scale, handling 8,000+ daily requests and generating over 2M+ health reports.
- Stack: Handlebars, Express.js, Puppeteer, CSS, JavaScript (ES6).

• Parser (Central Notification Service):

- Integrated email & SMS notifications, enabling seamless communication.
- Migrated 30% of codebase from Node.js v14 to v20, enhancing performance.
- Introduced queues (RabbitMQ) to efficiently handle high-volume requests.
- Stack: JavaScript, Azure, RabbitMQ, SendGrid, Textlocal.

• Maker Checker (Data Validation Tool):

- Developed React-based frontend integrated with Neuphoria for PDF data processing.
- Implemented auto-fill features for units, ranges, and lab selection, boosting data entry efficiency.
- Followed OWASP guidelines, ensuring application security and compliance.
- Adoption scaled from internal sales team to 70% of clients.
- Stack: React.js, JavaScript, OWASP-compliant practices.

• HVConnect (Reminder & Notification System):

- Designed and developed a system to send SMS and email reminders for client follow-ups.
- Dockerized and automated deployment, integrating with production support for faster releases.
- Delivered complete system design, ensuring scalability and reliability.
- Stack: Node.js, Express.js, MongoDB, RabbitMQ, SendGrid, Docker.

📁 PROJECTS

Blogify ↗

Full-Stack Blogging Platform

- Built a secure platform with JWT authentication and role-based access control.
- Improved performance with optimized MongoDB queries and caching.
- Developed a rich-text editor and a responsive UI using Next.js & MUI.
- Stack: Next.js, Redux, MUI, Node.js, Express, MongoDB.

VedMed ↗

Real-Time Video Consultation App

- Developed a real-time video consultation & chat app for patients and doctors.
- Enabled instant communication & scheduling with Socket.IO.
- Integrated Nodemailer for automated email reminders.
- Stack: HTML, CSS, Node.js, Express, Socket.IO.