Rajvardhan Jadhav

Software Engineer

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📞 +91 8080680231

📍 Bengaluru, Karnataka

🔗 Portfolio

in 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,

Aug 2022 – Jul 2023 | Bengaluru, Karnataka

B.tech in Aeronautical Engineering,
A.D.C.E.T.,

Aug 2018 – Apr 2023 | Ashta, Maharashtra

💼 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.