

VAISHNAV MOHAN

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SUMMARY

Product-minded Software Engineer with 5 years of production experience (started Jan 2021). I build performance-critical web applications that handle complex data without stuttering. Currently modernizing the manufacturing PLM experience at Dassault Systèmes.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, HTML5, CSS3.
Libraries: React, Redux Toolkit, Next.js, Tailwind CSS, Material UI.
Backend & Ops: Node.js, GraphQL, AWS, Docker, Jenkins, Git.

EXPERIENCE

DASSAULT SYSTÈMES

Bengaluru, India

Software Engineering Specialist | Jun 2024 - Present

- Own the frontend implementation for DELMIA Manufacturing Items Management - a high-density PLM tool used by enterprise clients to manage complex production assets.
- Inherited a brittle state management system that caused frequent regressions. I refactored it into isolated Redux slices, reducing technical debt and effectively cutting bug fix turnaround time by ~20%.
- Built a custom automation suite (POM) because standard tools weren't catching our edge cases, reducing pre-release regression testing from days to hours.
- Partnered with backend engineers to define strict TypeScript API contracts, preventing data-shape bugs before they reached the client.

OXMICS PVT LTD

Kochi, India

Software Development Engineer | Apr 2022 - May 2024

- Built the company's internal React component library from scratch to unify the design system across products. This standardization stopped teams from reinventing the wheel and accelerated feature delivery by ~15%.
- Acted as the frontend lead for my pod, mentoring 3 junior hires on React patterns and code quality standards.
- Reduced post-deployment bugs by introducing rigorous unit testing requirements with Jest and React Testing Library.
- Optimized the CI/CD pipeline, shaving 25% off build and deployment times daily.

MEDRABBITS

Pune, India (Remote)

Software Engineer | Aug 2021 - Mar 2022

- Developed the patient booking portal, focusing heavily on mobile performance. Implemented code-splitting to keep load times under 2 seconds for users on slower networks.
- Managed production deployments for the booking engine, maintaining 99%+ uptime during peak usage hours.

INNOVATION INCUBATOR ADVISORY

Thiruvananthapuram, India

Junior Software Engineer | Jan 2021 - Jul 2021

EDUCATION

B.Tech in Computer Science & Engineering | 2016 - 2020

APJ Abdul Kalam Technological University, India