PRAFUL VILAS SHINDE

Pune, Maharashtra

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Summary

Full Stack MERN Developer with expertise in **MongoDB, Express.js, React.js, Node.js, Next.js, and AWS**, specializing in building scalable, high-performance web applications. Skilled in integrating **Razorpay** and third-party APIs, optimizing application performance, and implementing responsive UI/UX designs. Proven track record in delivering end-to-end solutions with strong problem-solving, debugging, and Agile collaboration skills.

Education

SNJB's KBJ College of Engineering **2021 – 2025**
B.E. (Computer Engineering) — CGPA: 7.8 *Pune University*

Technical Skills

Frontend:	React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS, Redux
Backend:	Node.js, Express.js, RESTful APIs
Database:	MongoDB, MySQL, PostgreSQL
Cloud/DevOps:	AWS (EC2, S3), Git, GitHub, Postman, CI/CD
Programming Languages:	JavaScript (ES6+), C, Java, Python
Core Concepts:	OOP, DBMS, Operating Systems, Computer Networks
Methodologies:	Agile (Scrum), SDLC
Soft Skills:	Problem Solving, Team Collaboration, Communication, Time Management

Experience

Innomatics Research Labs **Jan 2025 – Mar 2025**
Full Stack Developer Intern *Bangalore*

- Developed backend APIs with Node.js and Express.js, integrating MongoDB for data persistence and optimized query performance.
- Built and enhanced React.js components with Tailwind CSS to improve UI responsiveness and accessibility.
- Implemented JWT-based authentication and robust error handling to improve application security and reliability.
- Collaborated in Agile sprints, delivering production-ready features within deadlines.

Webin Technovation Pvt. Ltd. **Dec 2023 – Jan 2024**
Web Developer Intern *Nashik*

- Developed reusable UI components in React.js and optimized performance using efficient state management techniques.
- Integrated RESTful APIs with frontend modules, ensuring seamless data flow between client and server.
- Worked closely with backend developers to align API design with frontend requirements.

Projects

Real-time Chat App | Live

- Built a MERN stack chat application with **Socket.io** for instant messaging and real-time online status tracking.
- Implemented JWT authentication, Cloudinary integration for image storage, and Zustand for state management.
- Achieved sub-second message delivery time across multiple concurrent users.

Crowdfunding Platform | Live

- Developed a crowdfunding platform using **Next.js, Node.js, Express.js, and MongoDB** with MVC architecture.
- Integrated **Razorpay payment gateway** for secure transactions and automated payment verification.
- Implemented SSR in Next.js to enhance SEO and improved page load speed by **30%**.

Personal Portfolio Website | Live

- Designed and deployed a responsive personal portfolio using **React.js, Tailwind CSS, and Vercel**.
- Showcases projects, skills, and experience with an interactive and modern UI.
- Optimized Lighthouse performance score to **95+** for better SEO and load speed.

Certifications & Activities

- Certified Full Stack Web Developer – PrepInsta (Certificate)
- Youth Skilling Program in Full Stack Development – Infosys Foundation (Certificate)
- Hackathon participant demonstrating MERN stack expertise and teamwork under pressure.