PRATYUSH SINHA

SOFTWARE ENGINEER | Information Technology

Full-stack web and mobile app developer with experience in **React.js, React Native, frontend** and **backend engineering**. I also build **AI-driven applications** and constantly improve my skills by working on real-world projects and solving complex development challenges.

PROFESSIONAL EXPERIENCE

Software Developer Intern

Velvyna – E-Commerce Platform

August 2024 - September 2025

- Designed and developed an end-to-end two-panel e-commerce system (Customer + Admin) with complete ownership of frontend, backend, and database architecture.
- Built secure authentication and authorization flows using JWT, bcrypt, and role-based access control.
- Implemented a manual UPI payment workflow with order creation, screenshot upload, and admin verification system.
- Developed product management modules including product creation, variant handling, image uploads (Multer), and inventory control.
- Engineered a responsive React.js frontend optimized for clarity, performance, and clean UI/UX.
- Built scalable REST APIs using Node.js and Express.js, integrating MongoDB for robust data modelling.
- Collaborated with testers, end-users, and peers to refine flows and fix issues through iterative feedback.
- Managed full project lifecycle—including planning, development, debugging, and deployment.

PERSONAL PROJECTS

- Velvyna – Full-Stack E-Commerce Platform. 🔗 [Live], [GitHub]
- Info Manager App – Contacts & Notes Manager. 🔗 [GitHub]
- HabitQuest – Gamified Habit Tracker (PWA). 🔗 [GitHub]
- SearchSync – Smart Search PWA . 🔗 [Live], [GitHub]
- Neo-Vision-AI - an AI-powered image editing application. 🔗 [Live], [GitHub]

SKILLS

- **Languages:** C, Java, Python, JavaScript, TypeScript
- **Frontend:** React.js, Next.js, Tailwind CSS, HTML5, CSS3, PWA
- **Mobile Development:** React Native
- **Backend / APIs:** Node.js, Express.js, NestJS, REST APIs
- **Databases:** MongoDB, SupabaseDB, MySQL
- **Tools:** Git, GitHub, Docker (Basic), JWT, bcryptjs, Multer

CONTACT INFO

+91 9749419552

psinha20005@gmail.com

Portfolio Link

GitHub

LinkedIn

EDUCATION

St. Thomas College of Engineering and Technology (2024 – 2028) B.Tech in Information Technology CGPA: 7.92 (till 2nd sem)

Kandi Raj High School – Higher Secondary (WBCHSE) in Science | Percentage: 86.4%
Kandi Raj High School – Secondary (WBBSE) |Percentage: 91.2%

CERTIFICATIONS

Python And Flask Framework Complete Course

CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Build Complete CMS Blog in PHP MySQL Bootstrap & PDO

Java Network Programming - Mastering TCP/IP : CJNP+ JAVA+