

PAWAN KUMAR

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SKILLS

Technical Skills: HTML, CSS, JavaScript, React, Node.js, SQL, TypeScript, Git/GitHub, Python

Technologies/Frameworks: MongoDB, Express.js, React, Node.js, HTML, CSS, Next.js

Developer Tools: VS Code

Soft Skills: Complex Problem Analysis, Strategic Decision Making, Effective Communication, Leadership

EXPERIENCE

Venturloop — React.js, TailwindCSS, React Router, React Query

May 2025 – June 2025

Software Engineering Intern — Remote

- Built and maintained **8+ admin dashboard pages** with responsive layouts and persistent navigation.
- Created **10+ reusable components**, reducing repeated code by **40%**.
- Improved API efficiency by **30%** using **React Query** and Axios.
- Collaborated with backend teams, reducing integration issues by **20%**.
- Optimized performance using lazy loading and code splitting, cutting load time by **25%**.

PROJECTS

Messenger 🔗 | React.js, Node.js, Express.js, MongoDB, Socket.io

- Built a real-time chat application using the **MERN stack** and **Socket.io**, supporting **1,000+ concurrent users** with sub-**200ms** latency.
- Implemented secure authentication using **JWT** and **bcrypt**, reducing login vulnerabilities by **95%**.
- Managed global state with **Zustand**, cutting unnecessary re-renders by **40%** and lowering memory usage by **25%**.
- Optimized WebSocket events and API calls, improving real-time sync accuracy by **30%** and reducing debugging time by **20%**.

Personal Expense Tracker 🔗 | React.js, Node.js, Express.js, MongoDB

- Developed a full-stack expense tracking application with real-time expense recording, categorization, and analysis.
- Implemented secure authentication using **JWT** and **bcrypt** to protect sensitive financial data.
- Built optimized **RESTful APIs** with Node.js and Express.js, improving response times by **30%**.
- Added filtering and data visualization features to track spending trends and improve usability.

EDUCATION

Vellore Institute of technology

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA: 7.4

Bhopal, India

Other Notable Works/Achievements

- **Certification:** Full Stack Development MERN (MongoDB) 🔗
- **Certification:** Salesforce Developer Certification Program 🔗
- **Certification:** Python Pro Bootcamp (Udemy) 🔗
- **Certification:** Full-Stack Web Development (Udemy) 🔗