

Shashi Ranjan Singh

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SUMMARY

Software Engineer with 1+ years of experience delivering user-friendly websites. Committed to creative development, launching futuristic website and driving innovation.

SKILLS

PROGRAMMING

• Java • JavaScript • TypeScript • Python
• C/C++

FRONTEND

• Html • Css • Tailwind • Bootstrap
• Material Ui • Sass • ReactJS • NextJS

ANIMATION

• GSAP • ScrollTrigger • Locomotive Js

BACKEND

• Node Js • Hono • Express Js • NextJS

DATABASE

• MySQL • MongoDB • PostgreSQL
• PrismaORM

DEPLOYMENT

• AWS • GCP • Vercel • Cloudflare

DEVOPS

• Git • Github • Docker • Nginx • CI/CD

OTHERS

• Turborepo • Vim • VsCode • Bash

COURSEWORK

FullStack Development
Algorithms and Data Structures
Computer Networks

EDUCATION

AMBALIKA INSTITUTE OF MANAGEMENT AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
May 2022-2025 | Lucknow, UP

AMBALIKA INSTITUTE OF MANAGEMENT AND TECHNOLOGY

DIPLOMA IN ELECTRONIC AND COMMUNICATION
May 2019-2022 | Lucknow, UP

LINKS

Github:// Shashi Ranjan Singh
LinkedIn:// Shashi Ranjan Singh
Twitter:// Shashi Ranjan Singh

PROJECT

PAYTM | A WEB BASED WALLET

June 2025 – Aug 2025

- Developed a full-stack TypeScript based web wallet as a monorepo using **Turborepo**, including Next.js in frontend and backend and **Express.js in webhook backend**, with shared packages for UI and types to ensure modularity and code reusability.
- Used **Tailwind** for a responsive user interface, managing user authentication with **Next Auth**, wallet dashboard, transaction flows and balance tracking between users.
- Containerized applications using **Docker** for local and **CI deployment**, enabling consistent builds across environments and improving multi-service collaboration.
- Implemented **PostgreSQL** as database and **Prisma** as ORM, enabling seamless database migrations, schema management, and improved developer productivity.

MY STORE | AN ECOMMERCE PLATFORM

Aug 2025 – Sep 2025

- Developed a full-stack MERN application with responsive UI using **React + Tailwind CSS**, enabling seamless product browsing and cart management.
- Implemented Context API for global state management, handling authentication, cart, and checkout flows without external state libraries.
- Integrated **Razorpay payment gateway** to enable secure and real-time online transactions.
- Built RESTful APIs with **Express.js + MongoDB** for user authentication, product catalog, cart operations, and order management.

UBUNTU OS PORTFOLIO A WEB BASED OPERATING SYSTEM

April 2025 – May 2025

- Operating system based website which feels similar like Ubuntu Os.**It contains all my work in about section**
- Engineered a unique operating system-style portfolio website simulating Ubuntu OS features such as **launching apps, browser, music player**, and my Other Projects Showcase
- Applied smooth and responsive feel to it, features like **maximize screen, minimize screen** makes it more user friendly and enjoyable.