

SHWETA RANI

Full-Stack Software Engineer (MERN & TypeScript) | AI/RAG Systems | Backend & API Design

ranishweta96936@gmail.com | +91-9528147105 | GitHub: [github/Shweta-rani05](https://github.com/Shweta-rani05) | LinkedIn: www.linkedin.com/in/shweta-rani-11741028a/ |
LeetCode: leetcode.com/u/shweta_05/ | Portfolio: portfolio-shweta-lyart.vercel.app/

PROFESSIONAL SUMMARY

Full-stack engineer (MERN, TypeScript) with production experience building type-safe REST APIs, JWT authentication, and AI-integrated features using Google Gemini and OpenAI. Shipped a RAG-based recommendation feature to production during a full-stack internship. Comfortable across the stack from database design to responsive UI, with working knowledge of testing and CI/CD.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, C++
- **Frontend:** React.js, Next.js, Tailwind CSS, Redux Toolkit, Zustand, TanStack Query, React Hook Form, Zod, Framer Motion
- **Backend:** Node.js, Express.js, REST APIs, JWT, bcryptjs, Helmet, CORS, MVC Architecture, WebSockets
- **Databases:** MongoDB, MongoDB Atlas, Mongoose, Redis (basic), SQL
- **AI / LLM:** Google Gemini API, OpenAI API, RAG Architecture, Prompt Engineering, OCR (PDF.js)
- **Testing & DevOps:** Jest, React Testing Library, Supertest, GitHub Actions (CI/CD), Docker, Git, Vercel, Render, Postman
- **CS Fundamentals:** DSA (LeetCode:150+ problems), OOP, DBMS, Operating Systems, Computer Networks, System Design basics

EXPERIENCE

Full-Stack Developer Intern — [Noodiyos](#) (AI-Powered Noodles QSR) *Jan 2026 – Mar 2026*

- Engineered "Appetite Sense AI," a RAG-based recommendation feature using OpenAI APIs, taking it from prototype to production deployment as part of the core ordering flow — the first AI-personalization feature shipped by the team.
- Built type-safe React.js + TypeScript UI components to surface AI-generated recommendations in real time, using memoization and query caching (TanStack Query) to keep the recommendation panel responsive on repeated interactions.
- Collaborated with the engineering team through Git-based code review and wrote unit/integration tests to stabilize the recommendation pipeline before release, reducing regressions during rollout.

PROJECTS

Where Is My Money Going? — AI-Powered Personal Finance Platform — MERN, TypeScript *Apr 2026 – Jun 2026* | github.com/Shweta-rani05/Where-is-my-Money-Going | where-is-my-money-going.vercel.app/

- Built a full-stack personal finance platform (JWT auth, expense tracking, budgeting, savings goals) with interactive analytics dashboards for visualizing income, expenses, and spending trends.
- Designed an OCR + LLM extraction pipeline using Google Gemini to parse and auto-categorize bank statement transactions, layouts and scanned image inputs requiring true OCR.
- Developed REST APIs (Express.js, MongoDB) and a responsive UI (Tailwind CSS, TanStack Query, Recharts) powering the transaction categorization and analytics pipeline.

Wonderlust — AI-Powered Hotel Booking Platform — MERN *Aug 2025 – Nov 2025*

github.com/Shweta-rani05/wonderlust-mern | wonderlust-mern-kj89.onrender.com/

- Built a full-stack hotel booking platform with 15+ RESTful APIs covering authentication, listings, reviews, and CRUD operations, supporting role-based authorization for 3 user roles.
- Integrated Google Gemini AI, Passport.js, Cloudinary, and Mapbox for personalized trip itineraries, secure auth, image management, and interactive maps.
- Delivered a responsive, mobile-first UI with advanced search and category filtering under an MVC architecture designed for horizontal scaling.

EDUCATION

B.Tech in Computer Science & Engineering — Central University of Haryana *2023 – 2027*

- CGPA: 8.2 (7th sem) | Coursework: Data Structures & Algorithms, DBMS, OOP, Operating Systems, Computer Networks

CERTIFICATIONS & TRAINING

- **Six-Week Industrial Training on Software Development** — Indraprastha Institute of Information Sciences Delhi (IIISD) *Dec 2024 – Feb 2025*

- Completed a six-week industrial training program; worked on a project titled “Fuzzy-Based Decision-Making System for Software Requirements Selection.”

Smart India Hackathon (SIH) — Internal Round — Central University of Haryana

Sept 2024

- Presented “Let’s Learn the Constitution in a Simpler Manner — Citizen Perspective” at the internal hackathon qualifying round for Smart India Hackathon 2024.

Skyscanner Front-End Software Engineering Virtual Experience — Forage

Jun 2025

- Built a React application using Skyscanner's Backpack design system; completed UI development and testing tasks.