

PULKIT KUMAR

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Professional Summary

- Proactive Computer Science student with 2+ years of hands-on project experience developing full-stack applications using React.js, Next.js, and Node.js. Proven problem-solver with over 500+ DSA problems solved on competitive coding platforms.
- Strong team collaborator with excellent communication, adaptability, and problem-solving skills, demonstrated through fast-paced project delivery and fellowship work.

Experience

Headstarter

July 2024 – Sept 2024

AI-SWE Fellow (Remote)

- Collaborated in a team of 3 to build and deploy 3 production-ready projects using React.js, Next.js, Firebase, Clerk, and Vercel in just 5 weeks.
- Led implementation of agile practices and contributed to CI/CD workflows and version control.
- Created an AI-powered customer support agent leveraging OpenAI and Pinecone, enabling context-aware user interactions with a custom retrieval-augmented generation pipeline.

Projects

Rahi - AI Travel Planner | *NextJS, React, Tailwind, MongoDB, OpenAI, Ola maps API* [\[Link\]](#)

- Built with a team of 3, this app generates AI-powered itineraries using GPT based on user preferences, interests, and budget.
- Integrated APIs for real-time attractions, transport, and accommodations with dynamic cost estimator.
- Grew a waitlist of 300+ users in under 4 weeks through outreach, demos, and social proof.
- Optimized frontend performance with Tailwind CSS and lazy loading, achieving 40% faster load times.

LMS Backend API | *Node.js, Express.js, PostgreSQL, JWT, Cloudinary* [\[Link\]](#)

- Designed a RESTful API with modules for user authentication, course creation, and enrollment.
- Secured endpoints using JWT and bcrypt; ensured data consistency using normalized PostgreSQL schema.
- Enabled secure media uploads using Cloudinary and robust input validations.

Odyssey Ecommerce | *MongoDB, Express.js, React.js, Node.js, Docker* [\[Link\]](#)

- Built a scalable ecommerce platform with features like product browsing, cart, order management, and admin controls.
- Dockerized backend, deployed frontend on Vercel and backend on Render.
- Used MongoDB Atlas for cloud data storage and Tailwind CSS for responsive UI.

AI Customer Support Agent | *Next.js, React, OpenAI, Pinecone, Vercel* [\[Link\]](#)

- Developed an AI support agent using OpenAI and Pinecone for semantic search in real-time chat.
- Integrated streaming responses to enhance interaction fluidity; deployed on Vercel for seamless scaling.

Education

KIET Group Of Institutions

2022 – 2026

B.Tech in Computer Science and Engineering (CGPA: 7.5)

Ghaziabad, UP

Achievements

- LeetCode: 350+ problems, max rating 1500 (Top 15%). [Profile](#)
- CodeChef: 2-star, max rating 1400 (Top 20%). [Profile](#)

Technical Skills

Languages: JavaScript, TypeScript, C++, C

Tools and Platforms: Git, GitHub, Docker, Postman, Firebase, Vercel, VS Code

Databases: MongoDB, PostgreSQL, MySQL, Firebase Firestore

Technologies and Frameworks: React.js, Next.js, Node.js, Express.js, Tailwind CSS, OpenAI APIs, Pinecone