

PEEYUSH TIWARI

Full Stack Developer

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Summary

Full Stack Developer with a strong foundation in JavaScript and TypeScript, experienced in building web applications using Node.js, Express, React, and Next.js. Familiar with both relational and non-relational databases, and experienced integrating AI features such as RAG-based retrieval into full-stack applications. Seeking a Full Stack Developer role to build efficient and reliable web applications.

Skills

Programming Languages: JavaScript, TypeScript, C++, SQL

Frontend: React.js, Next.js, Tailwind CSS, Shadcn/UI

Backend: Node.js, Express.js, REST APIs, WebSockets, Socket.IO

Databases & ORM: MongoDB, PostgreSQL, Prisma, Drizzle

AI & Tools: RAG, Pinecone, Git, GitHub, Postman, Docker

Projects

PollSphere | React, Node.js, Express.js, MongoDB, Socket.IO | [GitHub](#) | [Live](#)

- Built a full-stack real-time polling platform where users can create, manage, publish, and share polls.
- Implemented real-time response updates and analytics using Socket.IO.
- Developed authentication, public polling, poll management, analytics dashboard, user profile, and settings features.
- Added poll expiry, anonymous/authenticated responses, and question-wise response analytics.

RepoReview | Next.js, TypeScript, PostgreSQL, Prisma, Pinecone, Inngest | [GitHub](#) | [Live](#)

- Built an AI-powered GitHub code review platform that analyzes Pull Requests using repository context.
- Implemented RAG-based code retrieval with Pinecone to provide context-aware AI reviews.
- Integrated GitHub Apps and Webhooks with Inngest for repository synchronization and background processing.
- Used OpenRouter AI to generate AI-powered code reviews based on relevant repository context.

CodePilot | Next.js, TypeScript, PostgreSQL, Prisma, Inngest, Gemini, E2B | [GitHub](#) | [Live](#)

- Built an AI-powered application builder that converts natural-language prompts into web application code using Gemini and AgentKit.
- Integrated Inngest for asynchronous AI code-generation workflows and connected generated output with the project workspace.
- Integrated E2B sandbox environments to execute generated code and provide a live preview of the application.
- Developed a developer-focused workspace with AI chat, file explorer, code viewer, and live application preview.

Leadership & Community

Campus Ambassador — ChaiCode | 2026 – Present

- Representing ChaiCode as a Campus Ambassador and engaging with the developer community.
- Supporting and promoting technical learning, developer programs, and community initiatives.

Education

B.Tech — Computer Science & Engineering

Quantum University, Roorkee, Uttarakhand | 2024 – Present