

Vaibhav Saini

vaibhavsaini2409@gmail.com | LinkedIn | GitHub | Portfolio | Delhi, India

Education

G.B. Pant DSEU Campus-I, Delhi, India

Aug 2024 - Jun 2028

Bachelor of Technology in Computer Science and Engineering

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL, Java, C++

Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui

Backend: Node.js, Express.js, REST APIs, authentication, RBAC

Databases: MongoDB, PostgreSQL, SQLite, Supabase, Prisma, Mongoose

Tools: Git, GitHub Actions, Docker, Postman, Cypress, Swagger, Vercel

AI Integration: Google Gemini API, Anthropic Claude API, OpenAI API

Projects

Notiq - AI-Powered Notes Workspace

GitHub

Next.js, TypeScript, Prisma, Gemini, NextAuth

- Built a full-stack AI notes workspace with Markdown editing, live preview, autosave, and optimistic UI.
- Engineered 3 Gemini-powered endpoints for summaries, action items, and title suggestions with per-user usage logging.
- Implemented credential authentication, protected routes, and user-scoped data isolation across 10+ API routes.
- Designed normalized note, tag, sharing, and AI usage schemas with Prisma migrations and many-to-many relationships.

StackAudit - AI Spend Audit Platform

GitHub

Next.js, TypeScript, Supabase, Tailwind CSS

- Built a rules-based audit engine that generates 12-15 optimization recommendations from AI tool inventories.
- Designed a fallback LLM summary pipeline using Claude, OpenAI, and template-based generation for resilient output.
- Implemented Supabase-backed persistence, public report URLs, OpenGraph previews, and lead capture via REST endpoints.
- Added honeypot spam prevention, request throttling, responsive UI, and SEO metadata for production-style workflows.

NexaAPI - REST API Platform

GitHub

Node.js, Express.js, MongoDB, React, JWT, Swagger

- Developed versioned REST APIs with controller-service-model separation, global error handling, and task filtering.
- Implemented JWT authentication, password hashing, protected routes, and role-based access for user/admin workflows.
- Hardened APIs with Helmet, CORS allowlisting, request validation, rate limiting, and Swagger/OpenAPI documentation.
- Built a React frontend with auth context, protected routes, toast feedback, and Axios authorization interceptors.

Certifications

Google Cloud Skills Boost - Vertex AI: Prompt Design

Jul 2025

Applied prompting and structured-output concepts to Gemini-powered note summarization in Notiq.