

Abhishek Madaan *Senior Software Developer– Generative AI & SaaS*

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PROFESSIONAL EXPERIENCE

- Fullstack Developer, Tatra Data**  10/2025 – Present | Delhi
- **AI & Speech Pipelines:** Architected Gen AI features into Educollab (LMS), including an automated speech evaluation grading pipeline and an intelligent notification classification model.
 - **Database Optimization:** Optimized chat queries and implemented strategic indexing, boosting query performance by **70%** and reducing server CPU spikes from **80% to 15%**.
 - **Enterprise Infrastructure:** Implemented SSO authentication and engineered automated cron microservices for seamless third-party app integrations and background data syncs.
 - **AI-Accelerated Execution:** Accelerated full-stack delivery and codebase modernization using Cursor (Multi-agent, Design Mode) and OpenAI Codex for rapid UI/UX iteration and efficient development.
- Senior Software Developer, WareWe Consultancy** 04/2024 – 10/2025 | Gurugram
- **AI-Driven SaaS Development:** Led end-to-end development of production-ready SaaS products from idea validation to launch, integrating AI capabilities to elevate core functionality and user experience.
 - **High-Performance Data Pipelines:** Architected and scaled robust backend architectures using Redis, BullMQ, and GCP, efficiently processing thousands of data points for high-concurrency workloads.
 - **Cloud Infrastructure & CI/CD:** Owned complete system architecture—encompassing database design and cloud deployments—and implemented automated CI/CD pipelines to ensure highly scalable, stable releases.
 - **Full-Stack & CMS Execution:** Executed comprehensive UI/UX development and customized enterprise content platforms utilizing Sitecore, Ghost, and Gatsby for dynamic, content-driven solutions.
- Full Stack Software Developer (Intern), Misemind Technologies** 06/2023 – 01/2024 | Delhi, India
- Migrated legacy code to NestJS and developed new APIs.
 - Contributed to production internationalization and resolved critical frontend bugs during releases.

EDUCATION

- Master's In Computer Application, VIPS, GGSIPU** 11/2021 – 07/2023 | 84%
- BSc(H) Computer Science, University of Delhi** 07/2018 – 05/2021 | 69%

PROJECTS

- AI-Powered SaaS Platforms | redserp.com & paperbot.ai** 
- Engineered end-to-end Gen AI applications from UI/UX to cloud deployment, utilizing LLMs to process complex user inputs and extract Reddit market insights.
 - **Skills:** Langchain, LangSmith, LLMs, Redis, UI/UX, NextJS, Tailwind, GCP, PostgreSQL, Vercel, Serverless, Stripe
- E-Commerce Stores | Elmnts.studio & silkandsins.com** 
- Developed custom Shopify storefronts with automated workflows, streamlined payment integrations, and specialized shipping logic.
 - **Skills:** Shopify, Payment APIs, Automation
- Client Web Portals | Crystal Aromatics & Avery Metal** 
- Delivered scalable, high-performance React web applications for diverse business clients.
 - **Skills:** ReactJS, Vercel, PostgreSQL

SKILLS

- **AI & LLM Ecosystem:** Python, OpenAI API, Langchain, LangSmith, LLMs, Vector DBs, RAG, Cursor, Codex
- **Frontend Ecosystem:** TypeScript, JavaScript, NextJS, ReactJS, Tailwind CSS, Redux
- **Backend & APIs:** NodeJS, ExpressJS, NestJS, Serverless Functions
- **Databases & Search:** PostgreSQL, SQL, MongoDB, Redis, Elasticsearch
- **Cloud, DevOps & Tools:** GCP, Vercel, Docker, Git/GitHub, CMS (Sitecore, Ghost)

CERTIFICATES

Prompt Engineering  | Mern Stack Development  | C++ Certification Course