

ARYAN GUPTA

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EDUCATION

Delhi Technological University <i>Bachelor of Technology in Information Technology; GPA: 7.93</i>	New Delhi, India 2022 – 2026
Ramjas School Pusa Road <i>Class XII; CBSE: 91.8%</i>	New Delhi, India 2021
Ramjas School Pusa Road <i>Class X; CBSE: 92.6%</i>	New Delhi, India 2019

EXPERIENCE

Software Engineering Intern <i>Expedia Group, Gurugram, India</i>	June 2025 – July 2025
– Architected a full-stack configuration tool with a scalable UI system that replaced manual scripts, reducing configuration time by 60% and standardizing processes for 10+ partner businesses.	
– Engineered a robust Spring Boot backend with a custom DTO-to-Entity mapper using Java Reflection and field-level caching , resulting in a 75% improvement in data transformation speed.	
– Built a dynamic and interactive frontend using React , GraphQL with Apollo Client , and integrated Kotlin APIs to enhance user experience and data handling.	
– Automated CI/CD workflows using Spinnaker pipelines , which integrated comprehensive testing and reduced manual deployment intervention by 40%.	

TECHNICAL SKILLS

Languages: Golang, Java, C++, Python, JavaScript/TypeScript, SQL, Kotlin

Full-Stack Development: React, Next.js, Spring Boot, Node.js, Express.js, GraphQL, REST APIs, Tailwind CSS

Databases ORMs: PostgreSQL, MongoDB, MySQL, Prisma ORM

DevOps, Cloud Tools: AWS, Docker, CI/CD (Spinnaker), Git, GitHub, Vercel

Core Concepts: Data Structures Algorithms, OOP, Agile Methodologies, Authentication (JWT, OAuth)

PROJECTS

Zapp (Browser-based No-code Development Platform)

- Created a **no-code AI platform** using the **Gemini API** to generate full web applications from natural language prompts, reducing development time by 70%.
- Engineered a scalable backend using **Next.js** with a **PostgreSQL** database and **Prisma ORM** for reliable and fast project management.
- Integrated support for **30+ customizable components** from libraries like **Shadcn/UI** and rich animations via **Framer Motion**, enhancing the quality of generated applications.
- Implemented secure user authentication and project persistence with **Clerk**, enabling users to save and revisit their work seamlessly.

Sommaire (AI Powered PDF Summarizer)

- Built a full-stack AI platform integrating the **Gemini API** with **LangChain** to generate context-aware PDF summaries, improving reading efficiency by over 60%.
- Constructed a scalable backend with **Next.js** and **server-side rendering (SSR)**, achieving an end-to-end summary generation time of **under 5 seconds** for typical documents.
- Crafted a responsive, modern UI with **Tailwind CSS** and secured user access with **role-based authentication** via **Clerk** for safe session management.

Quillnest (AI-Powered Blogging Platform)

- Authored a **full-stack, AI-enhanced blogging platform** integrated with **OpenAI API** to provide real-time content suggestions, increasing user writing efficiency by over 35%.
- Architected a high-performance backend with **Next.js (SSR)** and **Prisma ORM**, achieving an average page load time of **under 1.5 seconds**.
- Designed a sleek, mobile-friendly UI using **Tailwind CSS** and managed user access control through **role-based authentication** powered by **Clerk**.