Anant Singhal

📞 +91-7678353556

✉ anantsinghal807@gmail.com

in anantsinghal1 ⭘ GithubAnant

EDUCATION

Delhi Technological University — New Delhi, India
Bachelor of Technology in Computer Science and Engineering — Aug 2024 – May 2028

KRD International School — Najafgarh, India
High School Diploma — 2022 – 2024

PROJECTS

- **Next - AI-Powered GitHub Assistant**: Developed intelligent GitHub automation tool enabling natural language repository management. Implemented features for **automated repo creation, issue generation, README editing, and PR monitoring**. Generated **25 waitlist signups within 3 days** demonstrating strong market validation through intuitive conversational interface using **JavaScript, Express.js, and OpenRouter API**.

- **Argo - Data Intelligence Chatbot**: Created conversational AI system to make complex data accessible through natural language queries. Implemented **RAG architecture using FAISS vector database** for efficient data retrieval and processing. Designed user-friendly interface allowing non-technical users to interact with structured datasets.

- **Lumera - AI Music Recommendation Engine**: Reverse-engineered and replicated Spotify's recommendation algorithms to near-production quality. Implemented **collaborative filtering and content-based recommendation systems** with machine learning-based audio feature analysis. Achieved **5,000+ views** through personalized music discovery and intelligent playlist generation.

- **Somnia - Anonymous Dream Sharing Platform**: Developed **Flutter-based social platform** for anonymous content sharing with Firebase backend. Implemented secure user authentication and real-time data synchronization. Deployed cross-platform application using **Dart and Firebase** with Vercel hosting.

PROFESSIONAL EXPERIENCE

Software Engineer Intern — Stealth Startup
Full-Stack Mobile Development — Apr 2024 – May 2024
- Architected and developed complete mobile application from ground up, managing end-to-end development lifecycle including database design, API integration, and cross-platform deployment
- Built scalable backend infrastructure and database systems, implementing RESTful APIs and optimizing data flow for high-performance mobile experience

- **Freelance AI Developer** — *Independent Contractor* — New Delhi, India — Jun 2024 – Present
  - Generated **5-figure revenue** delivering custom Flutter applications and AI-powered solutions to enterprise clients across multiple industries
  - Developed intelligent chatbot systems and conversational AI interfaces using React and modern AI frameworks, creating seamless user experiences for complex business workflows

ACHIEVEMENTS

- **Entrepreneurial Success** — Generated 5-figure revenue through freelance AI development while maintaining full-time academic schedule

- **Product Market Validation** — Achieved 25 waitlist signups within 3 days for Next AI GitHub Assistant, demonstrating strong product-market fit

- **Full-Stack AI Development** — Successfully built and deployed multiple AI applications spanning conversational AI, data intelligence, and recommendation systems

NOTABLE COURSES

- **Harvard University: CS50's Introduction to Artificial Intelligence with Python**

- **Kaggle Learn: Data Analysis and Machine Learning Fundamentals**

PROGRAMMING SKILLS

- **Languages**: Python, JavaScript, Dart, SQL, HTML, CSS

- **AI/ML Technologies**: OpenRouter APIs, RAG Systems, FAISS Vector Database, Large Language Models, Pandas, NumPy

- **Frameworks & Tools**: Flutter, React, Express.js, Firebase, Jupyter Notebooks, Git, REST APIs

- **Platforms**: Vercel, GitHub, Firebase, Cross-platform Development, Mobile & Web Deployment