

Yash Srivastava

+91-9770244217 | yashsrivastava2603@gmail.com | 2006418@kiit.ac.in | [Linkedin](#) | [Github](#)

EXPERIENCE

Dot.agent

September 2023 - present

FullStack Developer Intern

- Designed and implemented efficient databases using **Supabase**, resulting in a 15% improvement in data retrieval speed.
- Achieved a 20% reduction in connection time to AI agents by seamlessly integrating real-time functionality through database updates.
- Integrated Large Language Models (LLMs), AI agent and Open AI agent services into the **Next.js** web application via API calls, expanding its feature set.

PROJECTS

Doc Guru | [Website Link](#) | [Source Code](#)

Developed an end-to-end Software as a Service (SaaS) product utilizing a cutting-edge tech stack, including **Next.js**, **TypeScript**, **Tailwind CSS**, **GPT-3.5 Turbo**, **Pinecone VectorDB**, **Prisma ORM**, and the **Text-embedding-ada-002** model.

- Designed and built a web platform that allows users to seamlessly upload PDF documents and query an AI model about the content within the uploaded PDFs.
- Leveraged the Text-embedding-ada-002 model to generate embeddings in a high-dimensional space (1536 dimensions) and stored them in Pinecone VectorDB for efficient retrieval and similarity comparisons.
- Employed the GPT-3.5 Turbo model to provide prompt and accurate responses to user queries.
- Optimized backend Operations to ensure no timeouts, enhancing the overall system's reliability, availability, resulting in a smooth user journey and enhanced customer satisfaction.

Learning Quest | [Website Link](#) | [Source Code](#)

Build an end-to-end SAAS application using **Next.js**, **TypeScript**, **Tailwind**, **Gpt-3.5-turbo**, **Youtube API**, **Prisma ORM**, **SQL**, **GitHub Actions** and **DigitalOcean**

- Enables users to create educational courses effortlessly with GPT-3.5-turbo and integrated video content via the YouTube API and facilitates knowledge assessment through quizzes and integrates the Stripe payment gateway for subscriptions.
- Ensured a secure deployment environment on a DigitalOcean droplet, including the establishment of a custom domain name and SSL certificate.

ChatDock | [Website Link](#) | [Source Code](#)

Developed and deployed a high-performance web application utilizing **Next.js**, **TypeScript**, **Redis**, **Tailwind CSS** and **Vercel**.

- Achieved over 40% reduction in page rendering time by optimizing server-side rendering. And implemented Google OAuth 2.0 for secure user authentication and Pusher for real-time messaging capabilities.
- Enhanced data fetching efficiency in ChatDock through synchronous Redis queries and commands, leading to an impressive 80% improvement in fetching speed.

EDUCATION

Kalinga Institute of Industrial Technology

CGPA - 8.4

Bachelor of Technology in Information Technology

September 2020 - June 2024

Arihant Public School

Percentage - 83

Intermediate (Class XII)

June 2019 - June 2020

Delhi Public School

CGPA - 9.8

High School (Class X)

June 2017 - June 2018

TECHNICAL SKILLS

Programing Language :	C, C++, Java, JavaScript, HTML, CSS, TypeScript
Frameworks:	React.js, Node.js, Next.js
Computer Fundamentals:	Data Structures and Algorithm, OOPs in java, Operating system, DBMS
Database:	MongoDB, SQL
Development Tools:	GitHub, git, Vercel, Tailwind CSS, Prisma, Supabase,

ACHIEVEMENTS

- Ranked 1454th among 22683 participants [Leetcode Biweekly Contest 98](#).
- Top 16% globally in contest Ranking and completed over 450+ problem in leetcode | [Leetcode Profile-Link](#)
- 12th Institution Rank at KIIT out of 6025 in GeeksforGeeks with over 400+ problem solved | [GeeksforGeeks Profile-Link](#)
- Global Rank: 140th out of 15647 in [Codechef January Long Challenge 2023](#)