Preet Singh

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EDUCATION

Arka Jain University Aug. 2022 – May 2026

Bachelor of Technology in Computer Science Engineering *CGPA 8.71*

EXPERIENCE

Front-End Intern May 2024 – July 2024

TechMantra Global *Remote*

- Developed the front-end of a stock analysis app using React.
- Fetched real-time stock data from APIs and displayed it dynamically on the app.
- Implemented candlestick charts for visualizing stock market trends using ApexCharts library.

Web Developer Intern Oct 2024 – April 2025

Civiko (Early-Stage Startup)

- Developed and maintained both frontend and backend components, creating responsive UI with React and implementing server-side logic.
- Contributed to Retrieval-Augmented Generation (RAG) applications to enhance LLM capabilities and build AI agents.
- Collaborated across teams to integrate APIs, optimize performance, and ensure seamless user experiences.

PROJECTS

PDF-RAG | *Next.js, Node.js, Qdrant, BullMQ, LangChain, Tailwind CSS* `GitHub Link`

- ∗ Built an AI-powered PDF assistant that enables natural language querying over documents by combining vector search and LLMs.
- ∗ Developed an interactive frontend using Next.js and Tailwind CSS, with backend APIs in Node.js and document handling via LangChain.
- ∗ Used Qdrant for semantic vector search and BullMQ with Redis to process document uploads, embeddings, and chunking in background jobs.
- ∗ Integrated Google Gemini API for generating context-aware answers from retrieved PDF chunks, ensuring robust query flow with error handling.

Qezee | *React, Redux, Sass, MongoDB, Middlewares* qezee.onrender.com

- ∗ Developed the frontend for a comprehensive quiz app, including quiz creation, scheduling, and mock tests.
- ∗ Implemented sign-up and login functionality with email verification and OTP generation.
- ∗ Converted Figma designs to code using React and set up Redux for state management.
- ∗ Designed and integrated performance tracking with graphs and a live leaderboard.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, SQL, C/C++, Java, Python
Frameworks: React, Redux, Node.js, SpringBoot,Bootstrap, Material-UI
Developer Tools: Git, GitHub, VSCode, Chrome DevTools, Postman, Docker
Technologies: REST APIs, Sass, Tailwind CSS, Webpack, JSON, FastAPI, MySQL, MongoDB

ACHIEVEMENTS

- **Winner**, Technika 2k23 Hackathon — secured 1st position among teams from 20+ colleges.
- **Technical Lead**, GDG On Campus Jamshedpur — led workshops and initiatives on web development and AI tools.