Chandan B

Full Stack Developer

[GitHub](#)

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Summary

I am an experienced Full Stack Developer, adept in Next.js, TypeScript, and PostgreSQL, with a proven track record of building complex web applications. My expertise extends to algorithms, machine learning, and artificial intelligence, ensuring comprehensive solutions for business needs.

Skills

Programming Languages	**Python,** C++, **JavaScript, SQL,** C, **TypeScript,** Java
Frameworks And Libraries	**ReactJS, NextJS,** Redux, Express, **Tailwind, NodeJS, MongoDB, PostgreSQL,** Prisma, Supabase, **Firebase,** JWT, React Native
Tools And Technologies	**Linux,** Windows, **Git, GitHub**

Education

Bachelor of Technology - Computer Science

PES University, Bangalore, India, Bangalore, India   *2027*

- Completed courses in **Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, and Machine Learning** to ensure a comprehensive understanding of core computer science principles.
- Achieved a **GPA of 8.54/10.00**, reflecting strong academic performance.
- Awarded the **Prof. CNR Rao Scholarship** for outstanding academic achievement.

Projects

NewsSense   *Ongoing*

Typescript, Tailwind, Shadcn, NextJS , Vercel AISDK   [Live Link](#)

- NewsSense is an AI-powered financial advisory web application connects fund performance with real-world events and news to explain market movements , using Next.js 14 and React Server Components that provides real-time stock analysis and personalized investment guidance.
- Integrated GPT-4 via Vercel AI SDK to deliver intelligent financial advice and market analysis
- Built data visualization components for multi-timeframe stock performance across US and Indian markets
- Implemented real-time data streaming through Alpha Vantage API and web crawling services using firecrawl
- Engineered automated news aggregation system that analyzes market sentiment for informed decision-making

TechTrek

Typescript, Tailwind, Prisma, Supabase, PostgreSQL, Shadcn, NextJS   [GitHub](#)

- Developed a web application enabling users to **register, upload PDFs, and engage in dynamic chat** using a robust tech stack including NextJS and Supabase.

WebchatAI

Typescript, Tailwind, Upstash, redis, Shadcn, NextJS   [GitHub](#)

- Developed an **AI-powered chat interface** that allows users to query website content directly.
- Implemented **Retrieval-Augmented Generation (RAG) technology** to deliver accurate, content-based responses.
- Integrated **Next.js compatibility with streaming support, PDF ingestion** capabilities, and vector-based knowledge storage.
- Incorporated **Redis compatibility** for efficient chat history management and rate limiting features.

Work Experience

https://www.pamara.co.in/

Full Stack Developer   *2025 - 2025*

- Demonstrated expertise in **Next.js** by designing and developing a responsive website for Pamara. Implemented full-stack solutions incorporating front-end UI/UX and back-end functionality, aligning with client requirements. Delivered a high-performance website utilizing React, TypeScript, Node.js, and PostgreSQL.

Achievements

Certificate of Merit – COSMOS V8.0,

Christ Junior College   *10-10-2022*

- Awarded First Place for a project titled **"Effect of Rate of Flow on Various Granular Materials in an Hourglass"** under the **Mathematics** category at COSMOS V8.0, an inter-collegiate science exhibition hosted by Christ Junior College, Bengaluru. Demonstrated strong analytical and experimental skills in understanding flow dynamics and mathematical modeling.

Second Place – Quiz Competition, XITE 2022

Christ Junior College   *2022*

- Achieved **Second Place** in the **Quiz competition** at **XITE (Christite's Innovative Talent Expo)**, an intra-collegiate cultural fest held in 2022.