

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

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- 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

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- 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.

Property Management Site

Ongoing

Typescript, Tailwind, Prisma, Supabase, PostgreSQL, Shadcn, NextJS

- Designed and developed a full-stack **property management platform** to streamline operations for property owners and tenants, allowing landlords to manage properties, track transactions, schedule maintenance, and handle tenant interactions efficiently.

Work Experience

Pamara

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.