C C Darshan Thimmaiah

darshancc23@gmail.com
8277055470
darshancc23.github.io

Experienced software engineer with a focus on building engaging digital experiences. Over 5 years of crafting intuitive and high-performance web applications, driving projects from concept to completion with a user-centered approach. Passionate about self-hosting and exploring new technologies to optimise and control my own environments.

Experience

Full Stack Engineer, StartxLabs

- Developed and optimised trading algorithms that delivered a 60% return on investment, leveraging statistical analysis and real-time market data.
- Engineered advanced candlestick charting tools using Pine Script, enhancing data visualisation and improving trading strategy insights.
- Integrated a new investment method feature with a secure payment gateway, streamlining the investment process and improving user experience.
- Led the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfil business requirements.
- Built, styled, and shipped high·quality UI components, design systems and cross platform digital experiences using technologies such as JavaScript, TypeScript, React, CSS, Contentful, and more.

Frontend Engineer SDE2, Zinier

- Designed and developed a comprehensive Integrated Development Environment (IDE) for internal solutions, including tools for building workflows, mobile apps, web apps, and integrating support tools like version control systems.
- Optimised the IDE for streamlined development across various user profiles, enhancing usability and reducing development time.
- Led the transition to a no-code application model, enabling rapid deployment and empowering non-technical users to create solutions independently.
- Developed a real-time update system for web applications using service workers, improving user experience with instant content delivery.
- Contributed to the conversion of a monolithic application into a micro-frontend architecture, enabling modular development and deployment.
- Built and maintained an internal UI component library, ensuring consistent design and functionality across multiple projects.

Educational Background

Bachelor of Engineering - BE, Computer Science

Vidyavardhaka College Of Engineering, Mysore
2015 - 2019

Skills

Programming Languages

JavaScript (ES2015+), TypeScript, HTML, CSS

Libraries & Frameworks

React, Next.js, Node.js, Tailwind CSS, Styled Components

Tools & Platforms

Git, Github, Netlify, Vercel, Heroku, Storybook, Docker, Figma

Projects

React component library

Developed a simple React component library to centralise and maintain reusable UI components, ensuring consistency and efficiency across multiple projects.

Real-time sensor visualisation tool

Created a tool for visualising sensor data in real-time, enabling instant monitoring and analysis of data streams.

Utility discord bot

Developed a versatile Discord bot with a focus on economy management and server utilities, designed to streamline server operations and enhance user engagement.