

Vishakh CS

Full Stack Developer

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LinkedIn

GitHub

Portfolio

PROFILE SUMMARY

Passionate and Experienced full stack developer with a Bachelor's degree in Computer Science and strong foundation in creating dynamic and user-centric web applications. Dedicated to contributing expertise in both frontend and backend frameworks and responsive development to a forward-thinking team. Continuously learning and growing in the ever evolving world of web development.

EXPERIENCE

Global Business Solution

Software Developer

Trivandrum

Apr 2024 – Present

- Designed and developed a wide range of AI and responsive websites and web applications, including healthcare, asset management, fintech, task management, web portals, and LMS platforms.
- Developed and maintained scalable frontend components hooks.
- Collaborated with cross functional teams to deliver high quality software solutions.
- Participated in code reviews, debugging, and performance optimization with team.

Smart Stream Technologies

Junior Software Engineer

Coimbatore

Aug 2024 – Feb 2025

- Developed and maintained internal tools to optimize operational efficiency and streamline processes.
- Contributed to the development of Election Streaming Projects in India delivering impactful solutions for complex challenges.
- Contributed to the development of HRMS (Human Resource Management System) tool, improving operational workflows.
- Collaborated with cross-functional teams to ensure seamless integration and workflow.

Brototype

MERN Stack Intern

Trivandrum

Aug 2023 – Mar 2024

- Mastered full-stack web application development using MERN Stack (MongoDB, Express.js, React.js, Node.js).
- Developed Classic Soul, an E-commerce application with a comprehensive admin dashboard.
- Developed Generative, a real-time collaboration platform for live video conferencing and document publishing.
- Built multiple technical mini-projects, including a real-time chat application, to strengthen problem-solving skills.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, MongoDB, MySQL, HTML

Libraries & Frameworks: Node.js, Express.js, Nest.js, React, Next.js, React Native, Redux, TailwindCSS, Zustand, Bootstrap

Tools & Platforms: Git, GitHub Actions, AWS, GCP, Nginx, Flutter Flow, Swagger API, Postman, Sentry, Moon Modeler, CI/CD, Docker, Figma, Firebase, Render, Vercel, Netlify

Integrations: Web-Socket, Server Side Events, RazorPay, Cloudinary, EdgeStore, Liveblocks, LiveKit

PROJECTS

Generative - A Collaborative Workspace Platform

GitHub

Generative is a collaborative workspace platform designed to facilitate seamless collaboration, document creation and content publishing. Powered by Next.js, React, Node.js and Express, it offers robust features for teams to work together effectively and efficiently.

- Integrated NextAuth.js for seamless authentication with Google account.
- Designed and developed the backend using Node.js and Express.js.
- Implemented JWT (JSON Web Token) for secure authentication and authorization.
- Integrate video conferencing capabilities with LiveKit SDK.

- Utilized Zustand for efficient global state management in the frontend.
- Designed and developed the front-end using React.js, Next.js and Tailwind CSS .
- Implemented MongoDB as the database for efficient data storage and retrieval.
- Implemented AI-powered autocomplete for enhanced typing efficiency in the text editor.
- Technologies Used: Next.js, TypeScript, React, Node.js, Express.js, MongoDB, zustand, Socket.IO, Docker, GitHub Actions, CI/CD, Nodemailer, EdgeStore, LiveKit, LiveBlocks

ClassicSoul - E-Commerce Website

GitHub

ClassicSoul is an E-Commerce website designed to offer a seamless shopping experience for users interested in modern fashion and accessories. The platform provides a wide range of products and features to cater to the needs of fashion enthusiasts.

- Developed the backend using Node.js and Express, implementing RESTful APIs for handling product listings, user authentication and order management.
- Integrated MongoDB as the database to efficiently store and manage product information, user data and order details.
- Referral Option: Share fashion trends with others and earn rewards utilize our referral option to invite friends to join the ClassicSoul community.
- Integrated Razorpay payment gateway to facilitate secure and seamless online transactions for purchasing office equipment.
- Designed and implemented an admin dashboard with reporting features, including charts and order trackings, to provide insights into sales, inventory levels and user activities.
- Technologies Used: Node.js, Express.js, MongoDB, Hbs, Razorpay, Nodemailer, Multer

MINI PROJECTS

Fit-Tone - Fitness Tracker Application

GitHub

- Developed and maintained Fit-Tone, a comprehensive fitness tracker application enabling users to monitor their fitness progress and achieve their health objectives effectively.
- Technologies Used: Node.js, Express.js, React.js, MongoDB, Docker

chat-chat - Real-Time Chat Application

GitHub

- chat-chat : a dynamic real-time chat application providing users with seamless communication experience.
- Utilized Socket.IO for real-time, bidirectional communication between clients and server, enhancing user interaction with Real-time message delivery.
- Technologies Used: Node.js, Express.js, React.js, Socket.IO

QuizBees - A Master-Student Quiz Application

GitHub

- Developed a quiz application in Next.js, a master and student-based architecture allowing educators (masters) to create and manage quizzes while providing students with a platform to participate in quizzes.
- Technologies Used: Next.js, React.js, TypeScript.

EDUCATION

BSc - Computer Science

2020 - 2023

University Institute of Technology, Trivandrum

CCPA – 6.63

Higher Secondary

2018 - 2020

St.Joseph Higher secondary school, Trivandrum