

JHA GOVIND VAIBHAV GOPALKRISHNA

Newtown Kolkata ,IN

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Core Competence

Programming Language: C++, Java , Javascript, SQL , Python

Web Technologies: HTML/CSS, ReactJs , **NodeJS** , **ExpressJS** , **Flask** , **Rapid API** , **Firebase** , **Cloudinary** , **Docker** , **CI/Cd** Integration , ReactNative ,NextJs, Three Js, Framer.

Database : Mysql, MongoDB , AWS

Tools/Platform : Git/Github ,Vercel ,Render, Spline , Motion.div , Netlify , Streamlit , Canva tailwindCSS, bootstrap , cloudfare, Postman ,Expo Server , Linux ,WireShark ,NPM, Magic UI

Coursework : Software Engineering, Operating Systems, DSA , Computer Networks, OOPS, DBMS, OS , Compiler Design .

Experience

Caravel Labs Inc

Sep 2024 – Ongoing

Consulting Engineer Intern

Seattle, Washington

- Engineered scalable web applications using React.js, Next.js, and TypeScript for front-end development, along with Node.js, Express.js, and MongoDB for back-end services, achieving a 40% reduction in load time.
- Incorporated and optimized CI/CD pipelines with GitHub Actions and Docker, ensuring automated testing and seamless deployments.
- Utilized PostgreSQL and MongoDB for efficient data management and real-time analytics.
- Created dynamic dashboards and reports using D3.js and Chart.js for in-depth data visualization and insights.

Sailboat IT sol

June 2023 – Sept 2023

Software Developer Intern

Mumbai,IN

- Built sophisticated user interfaces using React.js, leveraging React Router for smooth navigation and Redux for comprehensive state management
- Orchestrated the deployment of Google Firebase to centralize user data management across 2 mobile apps and a web platform; this initiative improved data accuracy and consistency, positively impacting 1,200 monthly active users.
- Utilized Redux with middleware like Redux Thunk to handle asynchronous data fetching and complex state logic
- Developed and optimized a dynamic dashboard for managing school curricula, focusing on real-time updates and intuitive data visualization to improve user interaction and data accessibility.

Projects

Order Online | *MERN Stack, Generative AI, Docker Image*

GitHub Code, June 2024

- Developed a comprehensive e-commerce platform using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) for seamless online ordering.
- Integrated **Generative AI to provide personalized product** recommendations and dynamic content generation.
- Architected the application using Docker to create isolated environments for development and staging, allowing for seamless testing, which improved team collaboration and reduced debugging time by 25 hours each month..

Innovacion Tech Fest | *React.js, Next.js, Three Js , Canvas API, Tailwind CSS*

GitHub Code, Feb 2024

- Designed and developed the official website for Innovacion Tech Fest using **React.js and Next.js** for fast, server-side rendered pages.
- Implemented a responsive, user-friendly **design with Framer motion** to enhance visual appeal and usability across devices.
- Integrated event scheduling, speaker profiles, and registration functionalities to provide a comprehensive platform for event management.

Education

Institute of Engineering and Management ,Kolkata

July. 2021– July 2025

Bachelor of Computer Science

Kolkata, West Bengal

Certification And Leaderships

- BM DevOps Certification — Google Cloud Certification — AWS Practitioner Certification — Hacker Rank Certified REST API — Advance SQL Developer
- Leetcode: **500 + Solved DSA Problem** , Amcat Score : **99/100**
- Kolkata Police Cyber Hackathon Organiser 2023