BHAGYAJ KUMAR B

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Education

Cochin University of Science and Technology *(2021-Present)*
Bachelor of Technology, Computer Science and Engineering

Mar Gregorios Memorial Residential Public School *(2019-2021)*
Higher Secondary, Computer Science

Skills

Languages: Python, Java, C / C++, JavaScript, Dart
Frameworks: Flask, Django, React.js, FastAPI, Next.js, Bootstrap, Tailwind CSS, Next.js
Databases: MySQL, PostgreSQL, MongoDB, Firestore, Redis

Experience

Frontend Engineer Intern

Lamsta - Startup Incubation, CITTIC, CUSAT | Kochi, Kerala | May 2023 – Oct 2023
- **Next.js Development:** Spearheaded the development of web applications for Lamsta's flagship product, EventRadar, using Next.js
- **Design Implementation:** Translated Figma design concepts into responsive and visually appealing interfaces for EventRadar, utilizing Tailwind CSS for streamlined and efficient UI implementation.
- **Revitalized Frontend Dynamics:** Addressed distinct challenges in EventRadar by introducing pragmatic and scalable solutions. The outcome is a significantly improved interface, ensuring heightened efficiency and user-friendliness.

Learning Facilitator

TinkerHub Foundation | Kalamassery, Kochi | May 2023 - Oct 2023
- Built various learning resources.
- Provided mentorship in various learning programs, which impacted more that 1000s of students from Kerala
- Mentored in Latency 2.0, A national level hackathon organized in TKMCE, Kollam

Tech Lead

Tinkerhub CUCEK | Alappuzha, Kerala | Mar 2023 - Present
- Managing the technical side of the organization.
- Handling and organizing data, maintaining the website.
- Creating and collaborating on various open source projects, organizing events.
- Mentoring tech stacks to the community students.

Projects

Passer
- Orchestrated the creation of "Passer," an innovative event ticketing system using Flutter and Supabase, showcasing proficiency in cross-platform mobile app development and serverless backend architecture.
- Integrated Supabase as the backend solution, demonstrating expertise in utilizing cloud-based databases and authentication systems to manage and secure user data effectively.

E-Commerce Website
- Developed a feature-rich eCommerce website using Django, Bootstrap, and Stripe, showcasing proficiency in full-stack web development and payment gateway integration.
- Crafted intuitive and responsive user interface using Bootstrap, ensuring a consistent and visually appealing experience across various devices and screen sizes.
- Utilized Django models to design and manage the database schema, ensuring data integrity and efficient retrieval of product information, order details, and customer data.

Realtime Chatting Application
- Pioneered the development of a real-time chat application using Flask and Flask-SocketIO, showcasing proficiency in building interactive and dynamic web applications with WebSocket support.
- Integrated Flask-SocketIO to enable bidirectional communication between the server and clients in real-time, facilitating instant message delivery and updates.
- Designed and implemented a responsive and user-friendly interface for the chat app, providing an intuitive platform for users to engage in conversations seamlessly.