Sahal Ibrahim

Full Stack Developer

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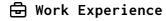
ዶ■ Summary

B.Tech @ graduate in Computer Science and a Full Stack Developer with expertise in Python (FastAPI, Django) for backend development, React for frontend development, and PostgreSQL and MongoDB for database management. I have hands-on experience in industrial-level projects, focusing on building scalable web applications. Guided by experienced software developers with over five years of industry expertise, I have strengthened my skills in backend development, API design, and database optimization. I am passionate about developing efficient, real-world solutions and continuously enhancing my technical and problem-solving abilities.

BTech in Computer Science

KMEA ENGINEERING COLLEGE ☑

06/2020 - 06/2024 Ernakulam, India



BROTOTYPE

Software Developer

07/2024 - 03/2025 Kerala, India

Brototype is a tech training and development company that focuses on building skilled software developers through hands-on, industry-level projects. As a **Software Developer**, I have worked on developing and maintaining scalable web applications, collaborating with experienced developers, and gaining expertise in full-stack development.

- Designed, developed, and deployed web applications using FastAPI,
 Django, and React.js.
- Built and optimized database solutions using PostgreSQL and MongoDB.
- Developed RESTful APIs for seamless communication between frontend and backend.
- Collaborated with a team of developers to implement best coding practices and Agile methodologies.
- Worked on cloud deployment and server management using AWS and Nginx.
- Contributed to multiple industrial-level projects with real-world applications.



MindCare ☑ 03/2025 - present

A mental health support platform built with FastAPI (Backend) and React (Frontend), offering resources, self-assessment tools, and therapist connections

- Developed a responsive frontend with React for mood tracking and journaling.
- Built a RESTful API using FastAPI to handle user data and assessments securely.
- Implemented JWT-based authentication and encrypted data storage for privacy.
- Integrated interactive dashboards for users to track mental wellness progress.

Gouter ♂

A web-based platform designed to streamline restaurant reservations and enhance the dining experience

- Developed a scalable restaurant reservation system, allowing users to book time slots and order food in advance.
- Implemented a user-friendly booking system.
- Developed a seamless dining reservation system
- Created a seller dashboard for restaurants to manage bookings
- Integrated secure online payment

Finger-Recognition \square

Real-Time Hand and Finger Tracking Using OpenCV

Finger Recognition Project with real-time capabilities

Developed a real-time hand and finger tracking system using OpenCV

Processed live video input from the camera to detect and count raised fingers

Netflix ♂

Netflix-Inspired Streaming Platform with Dynamic Content Fetching

- Netflix Clone React.js,Firebase,TMDb API
- Built a Netflix-inspired streaming platform using React.js for the frontend.
- Integrated Firebase Authentication for secure user login and signup.
- Used TMDb API to fetch and display dynamic movie content.
- Designed a responsive UI with a sleek, Netflix-like interface.
- Implemented smooth navigation and movie category filtering.

OLX 🗷

OLX-Inspired Marketplace with Real-Time Listings and Authentication

- Developed an OLX-inspired marketplace using React.js for the frontend.
- Implemented user authentication, product posting, and a responsive UI.
- Enabled real-time product listing and filtering for a smooth user experience.

⊗ Skills

Python	• • • •	FastAPI	• • • • •
Django	• • • •	React.js	• • • •
Postgresql	• • • •	mongodb	• • • • •
JavaScript	• • • •	RestAPI's	• • • • •
Rest Framework	• • • • •	Figma	• • • •
Data structures	• • • • •	MVT Architecture	• • • •
JWT	• • • • •	OpenCV	• • • • •
Nginx	• • • • •	HTML	• • • •
CSS	• • • •	Bootstrap	• • • •
tailwind css	• • • •	AWS	• • • • •
Git	• • • •	Github	• • • •
Redux	• • • •	Pandas	• • • • •

គ្លឹះ Strengths

Soft Skills

- Adaptability & Continuous Learning Always eager to learn new technologies and adapt to fast-paced development environments.
- Effective Communication Ability to present technical concepts clearly to both technical and non-technical audiences.