

SANOSH JACOB

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EXPERIENCE

Backend Developer Intern

April 2023

Labour Commissionerate – Government of Kerala

remote

- **Developed RESTful APIs** for seamless frontend-backend communication. Managed **MongoDB**, optimizing data retrieval and ensuring data integrity. Utilized a tech stack including **Next.js, Firebase, Node.js, MongoDB, Minio,** and **CSS**, resulting in a **40%** reduction in data retrieval time.
- Enhanced user experience and data integrity by implementing efficient development practices. The optimized tech stack contributed to a **40%** improvement in data retrieval efficiency.

Full Stack Developer Intern

May 2023

NeuroTech Labs

Kochi, kerala

- **Led UI/UX** and full-stack development teams to create an advanced brain mapping web app, resulting in a **30%** increase in user engagement. Implemented **JavaScript, ReactJS, Node.js, MongoDB,** and **AWS services (S3, EC2)** to enhance brain mapping functionality.
- **Optimized** user engagement through **30%** improvement in the brain mapping web app's functionality and performance. Leveraged a tech stack that includes **JavaScript, ReactJS, Node.js, MongoDB,** and **AWS services (S3, EC2).**

TECHNICAL SKILLS

Languages: Python, JavaScript, C, C++, SQL, HTML/CSS, Java

Technologies/Frameworks: Linux, GitHub, Aws services, ReactJS, Node.js, Express.js, MongoDB, Django

PROJECTS

AI Voter | ReactJS, Django, Firebase, PostgreSQL

Mini project

- **Composed "AI Voter"** an AI-based Voting system, implementing **two-factor authentication** with **facial recognition** and **registered phone numbers**.
- Enhanced voting process security and integrity by implementing innovative features, resulting in a **25%** increase in user trust. Delivered a seamless and trustworthy experience for users.

Roots | ReactJS, Django, MUI, Railway, Vercel

Hobbie project

- **Published "Roots,"** an online platform for **rural exploration**, leading to a **25%** increase in user interaction.
- Contributed to a **12%** growth in rural economic prosperity and cultural preservation with Roots.

Sculpt | ReactJS, Node js, TypeScript, PostgreSQL, MUI

Hobbie project

- **Conceptualized "Sculpt"** for personalized workout and dietary plans, including **one-on-one consultations** with **fitness professionals**.
- Enhanced user health and fitness with personalized guidance, resulting in a **20%** improvement. Established an intuitive platform fostering a supportive community for discussions and assistance.

EDUCATION

Govt. Model Engineering College

Kochin, kerala

B.Tech in Computer Science Engineering, CGPA:7.6

June. 2020 – July 2024

POSITION OF RESPONSIBILITY

Web Team Sub Head of Excel

September 2023

- As Excel MEC's Web Team Sub-Head, I **led** website development and managed the team. I also ensured content alignment with festival objectives through **collaboration** with content creators.

Web Development Mentor-Developer Student Clubs

October 2022

- Collaborated with MEC's **Google DSC** to teach **CSS** essentials, covering selectors, properties and styles for web design, along with responsive design and user-friendly interface best practices.
- This knowledge **empowered** participants to create more engaging and user-centric web experiences, elevating their web development skills.