Sanosh Jacob

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EXPERIENCE

Labour Commissionerate – Government of Kerala   April 2023
Backend Developer Intern   *remote*
- Developed **RESTFul APIs** for seamless data communication between frontend and backend, enhancing user experience. I oversaw MongoDb, optimizing data retrival and ensuring the integrity of job posting and user data developed using stack such as **Next.js**, **Firebase**, **Node.js**, **MongoDB**, **Minio** and **CSS** for efficient development.
- My contribution streamlined recruitment, improved user experience, and enhanced data integrity, benefiting students and institutions.

NeuroTech Labs   May 2023
Full Stack Developer Intern   *Kochi, kerala*
- **Led UI/UX** and **front-end** teams to create user-friendly and visually appealing web app interfaces, set design standards, and fostered collaboration. **Managed full-stack development**, including robust server-side components, optimized database operations and ensured seamless application functionality.
- Utilized technologies including **JavaScript**, **ReactJS**, **Node.js MongoDB** and **AWS services S3** and **EC2** to enhance recruitment, user experience and data integrity for the benefit of students and institutions.

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
- **Redesigned "AI Voter"** an AI-based Voting system, an online platform enabling users to cast votes with **two-factor authentication**, including **facial recognition** and **registered phone numbers.**
- This innovative system enhances security and ensures the integrity of the voting process, providing a seamless and trustworthy experience for users.

Roots | *ReactJS, Django, MUI, Railway, Vercel*   Hobbie project
- **Composed "Roots"** an online platform for **rural exploration**, providing extensive information on rural **destinations**, local **activities** and **products**. The platform allows users to engage with local culture, book tourist guides and support rural communities by purchasing products directly from the site.
- The development of Roots contributes to rural economic growth and cultural preservation while providing an engaging and informative experience for users.

Sculpt | *ReactJS, Node js, TypeScript, PostgreSQL, MUI*   Hobbie project
- **Conceptualized "Sculpt"** personalized workout and dietary plans in collaboration with fitness experts, facilitated **one-on-one consultations** with **fitness professionals**, integrated progress tracking capabilities and cultivated a supportive community for discussions and assistance.
- Improved user health and fitness through personalized guidance within an intuitive platform.

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.