

Hosea Varghese Kalayil

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Work Experience

System Engineer, Tata Consultancy Services

Started from October 2021 to Present

- Spearheaded the development of a robust relational database management interface for the Viatris project, optimizing data retrieval speed and enhancing overall system performance.
- Implemented a secure Single Sign-On (SSO) login system using Angular and Python with the MSAL library, ensuring seamless user authentication and access control.
- Integrated Azure Blob storage capabilities through Azure Managed Identity, streamlining storage solutions and enabling efficient data management.
- Engineered reusable components using Angular Material library and RxJS, boosting application performance and enhancing maintainability.
- Leveraged the pyodbc library for efficient back-end connections and maximized data retrieval and storage efficiency through Azure Functions.
- Actively contributed to Continuous Integration/Continuous Deployment (CI/CD) pipelines, ensuring a smooth workflow and streamlined development and deployment processes.
- Earned recognition with the prestigious Star Team Award and Elevate Wings Award for exceptional dedication, commitment, and upskilling, exemplifying a strong work ethic and continuous professional growth.

Flutter Developer Intern, Applore Technologies

Started from March 2021 to April 2021

- Developed multiple mobile applications proficiently by leveraging Flutter, Stripe, and Agora SDK, delivering seamless user experiences and driving successful app launches.
- Implemented WebRTC technology to empower real-time communication capabilities, revolutionizing collaboration and fostering instant interaction within the mobile applications.
- Integrated the Stripe payment gateway feature, ensuring secure online transactions and streamlining the payment process for users.
- Collaborated closely with cross-functional teams, fostering effective communication and coordination to achieve exceptional project outcomes and surpass client expectations.
- Demonstrated adaptability and a thirst for learning by immersing myself in full-stack development, rapidly mastering new tools and frameworks, and showcasing versatility in handling diverse project requirements.

Flutter Developer Intern, Saudha Tech

Started from August 2020 to October 2020

- Engineered a highly secure medical records sharing application called Therapeye, fortifying the confidentiality and efficiency of medical information exchange between patients and doctors.
- Leveraged Flutter for cross-platform development, accelerating the application development process and enabling seamless access across various devices and operating systems.
- Employed PHP for robust back-end data management, optimizing data storage and retrieval processes, ensuring the integrity and security of medical records.
- Crafted a captivating landing page website for the Therapeye application, captivating users.
- Collaborated closely with seasoned mentors, leveraging their guidance and expertise to successfully execute the Therapeye project within designated timelines while meeting all project requirements.

Education

MCA | RAJIV GANDHI INSTITUTE OF TECHNOLOGY

- Master of Computer Applications – 8.3 CGPA
- A 2-year Post graduate program started from 2019 to 2021
- Worked on projects involving technologies like Flutter and Django REST

BCA | 2019 | GIRIDEEPAM INSTITUTE OF ADVANCED LEARNING

- Bachelor of Computer Applications – 7.69 CGPA
- A 3-year Graduate program started from 2016 to 2019
- Worked on projects that covered Web Technologies and PHP

Skills

- Full Stack Development: Angular, Node, React, Mongo, Flutter, Bootstrap, Tailwind, Firebase, Docker, Git, Flask, Django, Vite, Webpack
- Programming Languages: Python, JavaScript
- UI/UX Design: Illustrator, Figma
- Tools and Technologies: Docker, VS Code, SQL Server Management Studio, Azure Platform

Certifications

- Python for Everybody Specialization - [Certificate](#)
- Google Cloud Platform Fundamentals: Core Infrastructure - [Certificate](#)