Hosea Varghese Kalayil

Full-Stack Developer

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Summary

Full-Stack Developer with expertise in **Angular, React, Node.js, Python, and cloud technologies**. Experienced in **enterprise software development, AI integrations, and scalable architectures**, with a track record of leading teams and delivering high-impact solutions. Strong problem-solving skills and a deep understanding of **CI/CD, microservices, and performance optimizations**

Work Experience

Tata Consultancy Services (TCS)

Full Stack Developer | Oct 2021 – Present

Vizzhy (5TechLab) – Leadership & AI Integrations

- Led a **7-member team** (1 UI, 5 Node.js, 1 QA), managing project workflows and securing smooth Agile execution.
- Designed & implemented **Zoom Meeting AI Processing** – automatic recording, encryption, transcription, and AI-powered summaries using **OpenAI & GCP Speech-to-Text**.
- Spearheaded **IoT device integration** with **Tryterra** for real-time data visualization.
- Worked across **React, Next.js, Node.js, AWS Cloud, and CI/CD pipelines** (ArgoCD, Helm).

Infopay (Infomedia) – Payment Platform Development

- Sole **Angular Developer** responsible for developing a scalable, plug-and-play payment portal for Infomedia's ecosystem.
- Architected a **Micro Frontend** approach, enabling seamless integration into multiple applications.
- Implemented **state management, internationalization, and API integrations** while guarenteeing high-performance UI.
- Migrated AngularJS to Angular 16 for Infomedia, adding scalability and modularity.

Mylan (Pfizer) – Enterprise Pharma Web App

- Developed **critical Angular features** for a pharmaceutical enterprise application handling **secure sales data uploads**.

- Built an **Azure Blob Storage integration** with **Entra ID authentication** for seamless ETL pipeline processing.
- Worked closely with **Data & Reporting teams** to facilitating smooth integration with Power BI.
- Provided **UAT support**, liaising directly with international clients and ensuring smooth handover to the support team.

Achievements

- **Led a team of 7** in Vizzhy, handling AI-powered zoom meeting integrations.
- **TCS Wings 1 Certification** – Demonstrated expertise in Full Stack Development.
- **Hackathon Runner-up** – Secured **2nd place** in an internal coding competition.

Education

- **Kerala Technical University** – Masters in Computer Applications | 2021
- **Mahathma Gandhi University** – Bachelors in Computer Applications | 2019

Skills

Frontend:

- Angular, React, Next.js, Astro, Svelte, Jasmine, TailwindCSS
- Micro Frontends, Performance Optimizations.

Backend & Cloud:

- Node.js, Python, SQL, Postgres, MongoDB
- AWS, Azure, CI/CD (CircleCI, GitHub Actions)

DevOps & Tools:

- Docker, Bun, CircleCI
- Jira, Git, Agile & Scrum