

Hosea Varghese Kalayil

Full-Stack Developer

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Summary

Full-Stack Developer with 3+ years of experience in Angular, React, Node.js, and cloud platforms. Skilled in building scalable applications, integrating AI solutions, and leading Agile teams. Passionate about delivering innovative solutions and open to international opportunities.

Work Experience

Tata Consultancy Services (TCS)

Full Stack Developer | Oct 2021 – Present

Vizzhy (5TechLab) – Leadership & AI Integrations

- Led a 7-member team to deliver AI-powered Zoom meeting features for a healthcare platform, ensuring seamless Agile workflows.
- Designed automated recording, encryption, transcription, and AI summaries using OpenAI and GCP Speech-to-Text.
- Integrated IoT devices with Tryterra for real-time data visualization, enhancing user experience.
- Built solutions using React, Next.js, Node.js, AWS, 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 guaranteeing 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 facilitate 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.

Projects

- **Learn.io** (In Progress) - A learning platform where users can share and track MDX-based courses
 - Tech Stack: Deno (Fresh), PostgreSQL, Cloudflare
 - Built a monorepo with modular API, database setup, migration handler, and frontend.
 - Links: [GitHub](#) , [Demo](#)
- **Migaku** – A personal server for hosting personal projects.
 - Configured a server using Cloudflare Tunnel to route subdomain traffic, streamlining personal project hosting.
 - Link: [Github](#)

Skills

- **Frontend:** Angular, React, Next.js, Micro Frontends, Performance Optimizations
- **Backend & Cloud:** Node.js, Python, SQL, PostgreSQL, MongoDB, AWS, Azure, CI/CD (CircleCI, GitHub Actions)
- **DevOps & Tools:** Docker, Jira, Git, Agile & Scrum
- **Additional Skills:** Deno, Astro, Svelte, Bun, Jasmine, TailwindCSS
- **Soft Skills:** Leadership, Collaboration, Problem-Solving

Education

- **Kerala Technical University, India** – Masters in Computer Applications | 2021
- **Mahatma Gandhi University, India** – Bachelors in Computer Applications | 2019