

AHAMMED KUTTAMKULATHIL MEERAN

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PROFESSIONAL SUMMARY

Frontend Engineering Lead / Architect / Manager with 16+ years of experience designing, architecting, and leading scalable, high-performance web applications and enterprise **SaaS** products. Expert in **React, Next.js, TypeScript, GraphQL**, and modern frontend ecosystems. Skilled in **architectural decision-making, cross-functional leadership, and mentoring engineers** to deliver clean, maintainable, and efficient codebases. Adept at establishing **design systems, performance strategies, CI/CD pipelines**, and AI-driven workflows for faster, high-quality delivery.

TECHNICAL SKILLS

Frontend Architecture: React, Next.js, TypeScript, Angular, GraphQL, **Micro-frontends**, Design Systems, SSR/ISR
Leadership & Delivery: Team Management, Sprint Planning, **Mentoring**, Stakeholder Collaboration, Agile Execution
Performance & Scalability: Code-splitting, **CDN Optimization**, Lighthouse Audits, Web Vitals, **Sentry** Monitoring
Tooling & Testing: Vite, Webpack, Jest, Cypress, **Storybook**, React Testing Library, **SonarQube**
DevOps & Cloud: AWS (**Cognito**, CloudFront, S3, **Lambda**), Docker, Jenkins, **GitHub Actions**, Bitbucket
Ecosystem & Productivity: Builder.io, **GTM**, **CleverTap**, **Hotjar**, NPM Packages, Monorepos (Nx, Turborepo)
Security & Compliance: Web App Security (**OWASP**), **PCI-DSS**, **JWT/OAuth2** Auth, CSP/XSS/CSRF Protection, Data Privacy (**GDPR**), Accessibility (**WCAG**)

PROFESSIONAL EXPERIENCE

Engineering Lead / Director of Engineering - Frontend

YOUGotaGift, Kochi, India | **Nov 2020 – Present**

- Architected and led a multi-product **SaaS ecosystem** including @Work (SME gifting), YOUPay (payment gateway), YOUGotaGift (B2C gifting), and white-label eCommerce portals.
- Built **modular frontend architecture** using React, Next.js, TypeScript, Redux, and GraphQL, supporting B2B/B2C scaling.
- Defined **technical standards, CI/CD workflows, and automated testing**, reducing production issues by 25% and improving velocity 3x.
- **Mentored over 20 engineers**, conducted **code reviews**, guided architectural best practices, and optimized performance.
- Collaborated with leadership on **engineering roadmap, team structure, and technical hiring**.
- Oversaw **frontend delivery pipelines**, deployment automation, and observability via **Sentry** and **Kibana**.
- Created enterprise-grade **design system** using **MUI**, **AntD**, and **Storybook**, standardizing UI across teams.
- Integrated **AWS Cognito SSO** and **developed Node.js personalization & payment modules**, reducing development effort by 90%.
- Achieved **90%+ test coverage** using **Jest** and **RTL**; enforced quality gates with **SonarQube** and **GitHub Actions**.
- Drove adoption of **AI-assisted development** (**GitHub Copilot**, **Builder.io**, **Figma MCP**), boosting developer productivity by 20%.

Assistant Consultant

Tata Consultancy Services, Kochi, India | **Apr 2017 – Nov 2020**

- Developed and maintained **LMD**, Nedbank's internal banking platform using **Angular 8**, replacing legacy mainframe systems; built loan calculator and **Excel/PDF export** features.
- Achieved **90%+ unit test coverage** with **Jasmine** and **Karma**.

- Led front-end development and team for **LnP**, a scalable insurance policy suite; built **Angular 2** components like **event calendars** and **D3 donut charts**, and handled JSON ↔ ACORD data transformations for TCS BaNCS integration.
- Led front-end for **iMessage**, a SaaS platform for managing massage therapists, stores, and appointments; developed scheduler app using AngularJS, **FullCalendar**, and **Moment.js**.

Technical Lead

IBS Software Services, Trivandrum, India | Jun 2013 – Apr 2017

- Contributed **3+ years on-site at South African Airways (flysaa.com)**, delivering UI for booking, flight management, and check-in systems integrated with Amadeus and multiple payment gateways. Built key components like the **Miles/Cash Calculator** using HTML5, CSS3, AngularJS, jQuery, and Bootstrap in Agile teams.
- Worked with **OpenCms and Liferay** for templates, content management, and internationalization. **Supported Voyager campaigns** (Global Acquisition, UK Triple Miles) via **JSP/MySQL** survey micro-sites in **OpenCms**, extracting reports to drive enrollment and revenue.
- Developed m.flysaa.com as a **responsive hybrid app** (HTML5, jQuery Mobile) integrated into native iOS/Android apps.
- Redesigned Fly Dubai CSR as a **Single Page Application** with AngularJS, creating reusable UI components like dynamic data tables, switches, and modals.
- Developed UI for Galaxy **SOA**, a scalable **SaaS** platform for smart city **M2M** communication, including a **UI Designer with advanced jQuery components** (Canvas, Panel, Maps, Tree, Tabs, etc.). Integrated RESTful APIs with **JSON for async bi-directional communication** and dynamic data rendering.

Web Programmer

Kreata Global, Kochi, India | Jun 2011 – May 2013

- Led front-end team, driving a 25% surge in productivity.
- Engineered web and **Facebook apps** using HTML, CSS, and jQuery. Developed a **SaaS app**, reducing Facebook app customization time by 20%.
- Created an interactive spinning wheel and **Lulu Christmas Tree Facebook apps**, boosting user engagement by 25% and 30%, respectively, with intuitive drag-and-drop interactions.

Software Engineer

GALTech Enterprises, Kochi, India | Jul 2009 – Jun 2011

- Designed web applications using HTML, CSS, jQuery, and PHP/MySQL.
- Developed a scalable PHP framework with **CodeIgniter** for robust web applications.
- Built an **e-commerce app** for 3D model purchases.
- Improved project efficiency by 25% through seamless integration with **WordPress, Joomla, Drupal**, and other **open-source technologies**.

EDUCATION

Bachelor of Technology (B. Tech) – Information Technology

Mahatma Gandhi University, Kerala, India | 2005 – 2009

AWARDS & CERTIFICATIONS

- **On the Spot Award & Best Team Award**, TCS – Project and team excellence
- **Architecture: From Developer to Architect & React.js Essential Training** – LinkedIn Learning
- **Testing Angular 4 with Jasmine** – Udemy