

Thamil Murugesan

Senior Full Stack Engineer

+61- 412998365  thamizhtechie@gmail.com  thamil.me

SUMMARY

- Senior Full Stack Engineer with over 10 years of experience delivering secure, performant web and mobile applications in fintech and enterprise environments, spanning both frontend user interfaces and backend server architectures.
- Proven expertise in delivering full-stack solutions using React, Angular, Node.js, and AWS, Lambda, API Gateway, and cloud infrastructure, with a focus on maintainable, testable frontends and CI/CD automation..
- Skilled in building components, scalable architectures, and authentication systems (OKTA, OAuth2).
- Strong background in financial services and digital workplace collaboration, combining technical expertise with security best practices.

SKILLS

Frontend: React, Angular, AngularJS, Redux, TypeScript, Storybook

Mobile: React Native, Ionic, Capacitor

Backend & Cloud: Node.js, AWS (Lambda, Cloudformation, Api Gateway, DynamoDB, EC2, S3, EventBridge), MongoDB, PostgreSQL, Redis, Microservices, Serverless Architecture, Docker, Kubernetes

Security & Authentication: OKTA, OAuth 2.0

DevOps: GitHub Actions, Netlify, Jenkins, GitLab CI/CD, Docker, Pulumi

Testing/Monitoring: Datadog, CloudWatch, Cypress

CMS: AEM, Netlify (Decap) CMS

EXPERIENCE

OFX, Sydney - Senior Software Engineer

Jun 2021 - Present

- Led multiple cross-functional initiatives across web, mobile, and backend systems as a full-stack engineer
- Architected and established a scalable frontend framework, now adopted across multiple product teams
- Developed and maintained shared React component libraries, integrated with Storybook, and published as internal npm packages to improve frontend consistency and developer velocity
- Delivered key integrations with QuickBooks and Xero, including implementation of UK Open Banking standards and secure API orchestration
- Played a lead role in integrating OKTA authentication into legacy and modern systems, enabling SSO and improved identity management across platforms
- Built secure and seamless onboarding and identity features in the React Native mobile app
- Drove CI/CD automation and gradual feature rollouts using GitHub Actions and LaunchDarkly
- Developed and maintained end-to-end test suites using Cypress to ensure platform stability
- Actively participated in technical design reviews, architecture discussions, and cross-team collaboration to align solutions with long-term product strategy

Stack: React, Node.js, React Native, AWS, OKTA, Cypress, GitHub Actions, Pulumi, LaunchDarkly

WooliesX, Sydney — Senior Software Engineer(TCS)

Nov 2019 - Jun 2021

- Served as frontend engineer on Woolworths Rewards, driving modernization of the frontend architecture for a major Australian loyalty platform
- Spearheaded the migration from AngularJS to Angular 9, designing an iterative, non-breaking rollout strategy that preserved uptime and ensured business continuity
- Designed and developed reusable Angular component libraries, enabling consistency and accelerating development across teams
- Architected and implemented a headless CMS solution using AEM Content Fragments, allowing flexible content delivery across marketing and development teams
- Built and maintained a centralized design system and Storybook library, establishing consistent UX standards across multiple applications
- Created and integrated custom AEM components using HTL, and bridged them with Angular applications and RESTful APIs for dynamic content delivery
- Streamlined deployment workflows and managed CI/CD pipelines with Jenkins, improving build stability and reducing manual interventions
- Collaborated closely with product managers, designers, and business stakeholders to align frontend solutions with broader digital strategy
- Participated in Agile ceremonies and technical chapters, contributing to architectural decision-making and mentoring junior developers

Stack: Angular 9, AngularJS, AEM, HTL, Jenkins, GitHub, Content Fragments, Storybook, SASS, REST APIs, Agile

TCS, India —Software Engineer

Aug 2015 - Nov 2019

Contributed to and led the development of multiple enterprise-grade web and mobile applications across workplace collaboration, education, and financial domains. Delivered robust, secure, and scalable solutions used by internal teams, external clients, and public users in Australia and globally.

GOIT Challenge (April 2019 – November 2019)

- Developed mobile apps for STEM learning and quiz contests for school students in Australia.
- Built and deployed the application to the App Store and Play Store using Ionic Studio and Firebase.
- Designed APIs with Firebase and ensured production readiness using BrowserStack testing.
- Stack: Ionic, Cordova, Firebase, Angular 7, GitLab, Ionic Studio

Fresco Learn (February 2019 – April 2019)

- Led a team of 3 developers to deliver gamified mobile and web learning applications with a CMS for course management.
- Collaborated with business teams to define requirements, created user stories, and managed Agile development processes.
- Stack: Angular 7, Ionic, UnderscoreJS, Git, Jenkins, Bootstrap

Fresco Docs (January 2018 – January 2019)

- Developed a document storage and sharing platform similar to Dropbox, with ReactJS for the web and React Native for mobile.
- Led end-to-end development and implemented SAML authentication protocols.
- Worked along with backend teams for API development using NodeJS
- Stack: Angular 2, React Native, NodeJS, Bootstrap, Sass, Grunt, Git, Jenkins, Bower, Swagger

Fresco Talk (June 2016– December 2017)

- Built a messaging platform similar to Teams/Slack using React/Redux.
- Created reusable components and optimized UI performance by experimenting with libraries.
- Documented project solutions and workflows in Confluence.
- Stack: React, Redux, Styled Components, Sagas, Webpack, Git, Jenkins, Material UI, Puppeteer

Fresco Apps (April 2016 – June 2016)

- Developed a static website for an enterprise app store similar to the Play Store.
- Collaborated with cross-functional teams to host applications on AWS S3.
- Stack: AngularJS, S3, Sass, Bootstrap, Grunt, Git, Jenkins, Bower

CitiPlanner - Citibank (August 2015 – April 2016)

- Developed the UI for Citibank's wealth management application, enabling portfolio management and investment tracking.
- Supported front-end application tickets and implemented HTML, CSS, and jQuery solutions.
- Stack: HTML, CSS, Bootstrap, JQuery, JavaScript, UNIX, ServiceNow

EDUCATION

Bachelor of Technology (Information Technology)— Pondicherry University, India

Aug 2011 - May 2015

Score: 8.6/10

AWARDS AND RECOGNITION

- Outstanding Employee Award (2021-2022) — OFX
- Best team award for Hackathon organizing — OFX
- Multiple TCS Awards for Excellence in Delivery
- Published two international IEEE research papers on Cloud Security