

SELVAM R

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SUMMARY

Technical Lead with 10+ years of experience in full-stack development, leading high-performing engineering teams, and delivering scalable web applications. Expert in Angular, React, Node.js, TypeScript, and AWS. Proven track record of reducing load times by 40%, managing 15+ applications in monorepo architecture, and leading award-winning digital products with international press coverage.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, HTML5, CSS3, SCSS

Frontend: Angular (9+), React, SvelteKit, NgRx, RxJS, Tailwind CSS, Angular Material, Storybook

Backend: Node.js, Spring Boot, RESTful APIs, Microservices, Serverless Architecture

Cloud & DevOps: AWS (EC2, Lambda, S3, CloudFormation), Cloudflare, GitHub Actions, Jenkins, CI/CD

Databases: PostgreSQL, MySQL, MongoDB, Redis, Amazon Redshift

Testing: Jest, Jasmine, Cypress, Karma, TDD

Other: Web Accessibility (WCAG, ARIA), PWAs, Code Splitting, Lazy Loading, Agile/Scrum

PROFESSIONAL EXPERIENCE

Tech Lead

Dec 2022 – Present

Taylor & Francis Group

Chennai, India

- Led team of 6 engineers to deliver award-winning eReader application, recognized as Gold Project 2024 with international press coverage across 6+ publications
- Architected and managed 15 web applications in monorepo with highly scalable architecture serving global publishing platform taylorfrancis.com
- Optimized Angular UI performance, reducing page load time by 40% through lazy loading and code splitting
- Designed reusable UI component library standardizing frontend development across multiple teams
- Spearheaded web accessibility compliance (WCAG, EUAA) ensuring inclusive user experience

Senior Full Stack Engineer

Jul 2021 – Dec 2022

Taylor & Francis Group

- Built end-to-end Stripe payment integration (Alipay, WeChat Pay, UnionPay) for Chinese market expansion
- Developed server-side rendered checkout application handling payment and invoice workflows
- Integrated New Relic, SonarCloud for observability and code quality monitoring

Full Stack Engineer

Mar 2018 – Jul 2021

Taylor & Francis Group

- Built zero-touch end-to-end eCommerce solution for online eBook business
- Developed automated serverless service for batch order processing, acknowledgment, and invoicing
- Created micro frontend cart application using Angular 9 and payment apps with early SvelteKit adoption

Software Development Engineer – Android

Mar 2015 – Mar 2018

HTC Global Services

- Developed 12 enterprise mobile applications as part of Mobile Centre of Excellence
- Built cloud infrastructure for US-based application that received patent approval

EDUCATION

PGP in Artificial Intelligence & Machine Learning

Apr 2021 – Apr 2022

University of Texas at Austin

Bachelor of Technology in Information Technology

May 2015

Agni College of Technology

AWARDS & RECOGNITION

Best Tech Lead H1 2025 | Best Tech Lead 2023-2024 | Star Performer Q1 2024 | Best Documentation Award | Delighting Customers Award (Stripe Rollout) | Digital Delivery Award – Informa PLC | Excellence Award from CDO