

Srikar Koppiseti

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LinkedIn: <https://www.linkedin.com/in/srikar-koppiseti> | GitHub: <https://github.com/srikarspace>

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Proofpoint

Oct 2022 – Present

- Architected and led the migration of a monolithic React 17 application to a Hybrid Micro Frontend architecture using Webpack Module Federation and React 18, enabling independent plugin development and faster feature delivery.
- Architected agentic workflows with Claude Code (slash commands, sub-agents, and skills) to automate feature decomposition and migration from a monolith to independent plugins, reducing months of estimated effort to a single sprint.
- Built and migrated CI/CD pipelines for an Nx monorepo and hybrid micro-frontend applications using Jenkins, CloudBees, Docker, JFrog, Harness, and AWS, reducing release failures by 30% and improving time-to-production by 70%.
- Led the migration of a 20-page production React application from MUI 4 to MUI 5 + DataGrid. The migration strategy was subsequently adopted by 3 other teams.
- Maintained and evolved a shared MUI-based UI library adopted by 20+ teams across Proofpoint, standardizing design patterns and accelerating frontend development across multiple applications.
- Contributed to the organization-wide Micro Frontend platform, including shell-driven architecture and shared libraries such as app-shell, base-library, and plugin-scripts.
- Built frontend experiences and Node.js services for Proofpoint's Email Fraud Defense SaaS platform, supporting 3,000+ enterprise customers across 50+ critical workflows.
- Mentored and onboarded 3 engineers while establishing docs-as-code practices to improve knowledge sharing and developer onboarding.
- Served on the Security Council, reviewing application changes for security risks and alignment with organizational security practices.

Software Engineer – Concentrix (Clients: ZenKey, T-Mobile)

Feb 2019 – Oct 2022

- Delivered 3 production web applications serving 30M+ users, spanning authentication, signup, 2FA, profile management, QR-code verification, developer console, and employee portal workflows.
- Integrated authentication and authorization with T-Mobile IAM, Okta SSO, Azure AD, and ZenKey using OpenID Connect and OAuth standards.
- Reduced frontend bundle size by 60% and improved Visual Ready time from 5s to 2s through performance optimization and lazy loading; increased accessibility compliance from 30% to 90%+ using ARIA practices.
- Designed a unified stylesheet across 30+ screens and 4 web applications, improving consistency and reducing frontend duplication.

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Programmer/Developer – Capgemini America Inc (Clients: Disney, T-Mobile)

Aug 2017 – Jan 2019

- Migrated a PHP-based application to Angular, serving 200K+ daily users, and integrated Adobe Experience Manager (AEM) for content delivery.
- Built end-to-end API automation testing across Pivotal Cloud Foundry, Apigee, microservices, SAP, Oracle, Cassandra, and OMS.

TECHNICAL SKILLS

Frontend:	React, TypeScript, JavaScript, Next.js, Angular, HTML5, CSS/SCSS, Material UI, Tailwind CSS
Architecture:	Micro Frontends, Webpack Module Federation, Nx, Turborepo, Monorepos, Design Systems
Backend:	Node.js, REST APIs, Java
Testing:	Playwright, Cypress, Jest, React Testing Library, Puppeteer
Cloud & DevOps:	AWS, Docker, Jenkins, CloudBees, Harness, JFrog, GitHub Actions, GitLab CI/CD
Security:	OAuth, OpenID Connect, Azure AD, Okta
Observability & Analytics:	Splunk, SignalFx, Grafana, Adobe Analytics, Amplitude, Pendo

EDUCATION

MS in Computer and Information Science

Southern Arkansas University, Magnolia, Arkansas

August 2015 - May 2017

GPA: 3.5/4.0

Bachelor of Technology, Electrical and Electronics Engineering

Jawaharlal Nehru Technological University, Hyderabad, Telangana

August 2011 - May 2015

GPA: 3.9/4.0