Nithyakala Rajendran

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SUMMARY

Full Stack Developer with expertise in **MERN**, MEAN, and JAMStack, adept at translating business requirements into technical solutions with a customer-focused mindset. Known for delivering impactful results through a blend of innovation and efficiency.

WORK EXPERIENCE

Feb 2023-July 2024   *Senior Software Engineer*   *Presto*   *Bangalore, India*

- Built responsive UI components using Javascript, **React**, React Hooks, **Redux**, Vite and Tailwind CSS.
- Developed reusable components from **Figma** designs, wrote **Storybook** stories, and drove adoption across the organization.
- Optimized **GraphQL** queries/mutations with AWS **AppSync**, Amplify, Lambdas, and integrated S3, OpenSearch, Postgres, Redshift, and DynamoDB.
- Led SSO exploration and implemented **Auth0** for authentication with OneLogin Single Sign-On for internal users, Google OAuth for customers, and enforced **RBAC** using JWT.
- Rebuilt payments Point of Sale (POS) app with Capcitor.js, React, and Redux, significantly cutting deployment time compared to the native Android App
- Designed and built a real-time order management system for drive-through restaurants using AWS Appsync, GraphQL, **Kafka** and React.
- Utilized SWR for efficient client-side caching and stale-while-revalidate data fetching, and implemented virtual scrolling to render large datasets seamlessly and enhance UI performance.
- Increased unit test coverage from 60% to 80% using **Jest** and React Testing Library.
- Built new features like a feedback system and voice session viewer using **Next.js**, Typescript, SSR, Shadcn/ui, Zustand and **Postgres**.

May 2016-July 2022   *Software Developer*   *IBM*   *Bangalore, India*

- Developed and sustained the web applications utilizing HTML5, CSS3, **TypeScript**, React, React-Hooks, Redux and Storybook.js
- Engineered the BRET tool to automate the calculation of the BRET Score (Business Risk Evaluation Tool) for BP, resulting in a 30% boost in Compliance team efficiency
- Designed and implemented **REST API** services using Expressjs, MongoDB and DB2
- Spearheaded and helped the team on various technical queries
- Built, implemented, and maintained multiple customer facing frontend web applications with JavaScript, **Angular** 13, RxJS and Bootstrap
- Automated unit test cases (TDD) through jest-dom, Jasmine, and Karma

EDUCATION

Master of Computer Applications	Bharathiar University	Coimbatore, India
B.Sc in Computer Technology	Anna University	Coimbatore, India

SKILLS

- **Frontend:** JavaScript (es6/es7), Typescript, React, Angular, Vite, NextJS, Capacitorjs, Bootstrap, Mantine, Tailwind CSS, Shadcn/ui, Redux, Zustand, AG Grid, Storybook, RxJS, CSS3 & HTML5
- **Backend:** REST API, GraphQL, Redis, Kafka, NodeJS, ExpressJS, AWS Lambda, AWS AppSync, Redshift, DynamoDB, Cloudant, MongoDB, DB2 & MySQL
- **Infra/Cloud:** RedHat OpenShift, Docker, ECR, ECS, AWS Amplify, S3, GitHub Actions, Vercel