SNEHA GOVINDARAJAN

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience, dedicated building high-performance, user-centric web applications in React and Java. Known for creating intuitive interfaces and excel in problem-solving and effective communication.

EXPERIENCE

Software Developer Intern, SAP America Inc., Newton Square, PA   **Jan 2024 – Present**

- Developed an SAP UI5 and SAP BTP application for license management related to cost centers, automating data gathering from Excel files via OData services and reducing manual efforts by 40%
- Developed Architected a full-stack license approval workflow application, including comprehensive database design and end-to-end flow architecture, which improved procurement efficiency by 30%.
- Developed a Node.js script to process over 10,000 records from the Flexera GraphQL API for SAP's third-party software licenses, enabling the software portfolio management team to reduce renewal costs by 30%.
- Collaborated with cross-functional teams to build an event gamification web app in two weeks for the North America BTP Success event, engaging over 500 customers using React, , React router, CAP, S/4HANA, and Cloud Foundry.- Link
- Collaborated with stakeholders and conducted user interviews to gather requirements, translating insights into a Figma UI/UX design that accelerated application flow completion by 10%

Software Engineer – Full Stack, Virtusa, Chennai, India   **Aug 2020 - Aug 2022**

- Migrated the Watchtower frontend to React, Typescript enhancing node visualization with React Material, ESRI Maps, and D3.js, resulting in a 15% reduction in troubleshooting time for technicians.
- Developed RESTful APIs in Java Spring Boot to deliver real-time node data by region, improving network issue resolution speed by 20%, leading to a 10% increase in customer satisfaction scores.
- Contributed to modularity and scalability using Nx mono-repo and Storybook for isolated components, boosted code coverage by 20%, and implemented Playwright for end-to-end testing with cross-browser compatibility.
- Scheduled, applied technical troubleshooting to resolve problems and prioritized 20+ ad-hoc requests within deadlines
- Collaborated in Agile teams, engaging in daily scrums, code reviews and maintained documentation for entire migration

EDUCATION

Master of Science, Information Systems- Northeastern University, Boston - GPA: 3.7   **Aug 2024**
Bachelor of Technology, Information Technology - Anna University, India - GPA: 3.8   **April 2020**

TECHNICAL SKILLS

Programming Languages - JavaScript, Java, Python, Typescript
Front End – ReactJS, Next.js, SAP Fiori UI5, Three.js, HTML5, CSS, Storybook, Figma, SASS, Redux, Playwright, Tailwind CSS
Backend - Express.js, NodeJS, Spring Boot, Apache Maven, Spring MVC
Database - MySQL, PostgreSQL, MongoDB, S/4 HANA
Cloud - Amazon Web Service (AWS), SAP BTP, Git, Docker, Terraform, GitHub Actions (CI/CD), Linux, S3, Route 53

PROJECTS

LEADHAWK - Apprenticeship - Link   **May 2023 - Sept 2023**
- Designed and developed a responsive Job searching website using React, Redux and Spring Boot
- Implemented a CI/CD pipeline using GitHub Actions and Terraform to automate the deployment of frontend assets, leveraging AWS S3, Route 53, and CloudFront

3D CAR STUDIO - Link   **May 2023**
Developed a 3D car modeling experience with advanced shading, lighting, and textures, using React and Three.js

3D Tic Tac Toe - Link   **May 2024**
Developed a 3D tic tac toe game using React, Typescript and React Three Fiber