

# SNEHA GOVINDARAJAN

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## EDUCATION

**Master of Science, Computer Science** - Northeastern University, Boston - GPA: 3.7 **Expected May 2024**

Coursework: Object-Oriented Design Patterns, Web development, Data Structure & Algorithms, Network Structures and Cloud computing, UI/UX Design and Development

**Bachelor of Technology, Information Technology** - Anna University, India - GPA: 3.8 **April 2020**

## TECHNICAL SKILLS

**Programming Languages** - JavaScript, Java, Python, Typescript

**Frontend** - React, Angular, SAP UI5, Three.js, Bootstrap, HTML, CSS, Storybook, Figma, SASS

**Backend & Database** - Express.js, Node, Spring Boot, Apache Maven, Spring MVC, MySQL, PostgreSQL, MongoDB

**Cloud** - AWS, SAP BTP, Docker, Terraform, GitHub Actions (CI/CD), Linux, Git, Honeycomb

**Certifications** - Oracle Certified Associate (OCA) Java SE 8 Programmer

## PROFESSIONAL EXPERIENCE

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

- Created a data extraction web application on SAP BTP for analyzing and retrieving employee data from Excel uploads, serving over 6,000 records with zero errors, deployed using CI/CD, enhancing business operations and data management
- Developed inventory management application using JavaScript and Python, handling 10k+ data records from Flexera API with GraphQL and REST API, significantly boosting inventory process efficiency
- Built and deployed an event gamification app within a month for the North America BTP Success event with a cross-functional team, utilizing React, CAP, S4 HANA, and Cloud Foundry, engaging 300+ customers.

**Full Stack Developer**, Virtusa, Chennai, India

**Aug 2020 – Aug 2022**

- Developed 12+ RESTful APIs using object-oriented programming procedures in Java with the Spring Boot framework for a network management project that handles 1000+ job requests while also managing authorization for different scopes
- Revitalized a legacy web application by efficiently migrating to Angular 13 with strategic code modifications and orchestrated a seamless transition to a mono-repo structure using the NX framework, achieving 89% code coverage
- Enhanced component reliability by 30%, integrating Java API, Spring Boot, and creating Storybook, translated software and debugging high-quality code, delivering on schedule and adeptly solving UX problems
- Scheduled, applied technical troubleshooting to resolve problems and prioritized 20+ ad-hoc requests within deadlines
- Collaborated in an Agile methodology, attending daily scrum meetings for code reviews, and prioritized a user-centric approach by working closely with Product and Design teams to refine the overall user experience

**Software Engineer Intern**, Virtusa, Chennai, India

**Jun 2020 - Aug 2020**

- Enhanced issue resolution efficiency by 30% and user satisfaction by 20% with Sentry's real-time error tracking
- Developed a map visualization with Leaflet for efficient node display, enhancing user interface and data interpretation

## PROJECTS

**3D Virtual Car Assembly** - [Link](#)

**May 2023**

- Developed a React application with Three.js to create an immersive and user-friendly 3D car modeling and assembly experience, including shading, lighting, texture, and compatibility feedback for seamless and engaging user interface

**LeadHawk, Job Board** - [Link](#)

**Oct 2023**

- Developed a user-friendly job board platform using React, Redux, Java Spring Boot, Docker, AWS, Kafka, SQL, and SQL Server, enhancing data entry, simplifying administrative workflows, and providing an intuitive dashboard
- Implemented a CI/CD pipeline for the application on Amazon Web Services using JavaScript and Node.js, employed Terraform to manage cloud resources, and integrated Auto-Scaling Groups and Load Balancers to handle multiple users

**PawGram, UI/UX Pet Social Design** - [Link](#)

**Nov 2023**

- Designed a mobile app for pet enthusiasts, combining social connectivity, a pet marketplace, and advanced matchmaking features using Figma's components, vectors, and meticulous attention to properties & animations