SNEHA GOVINDARAJAN

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Education

Master of Science, Information Systems - Northeastern University, Boston - GPA: 3.7   **Expected May 2024**
Coursework: Object-oriented Programming, Web application development, Data structure and algorithm design, Network Structures and Cloud computing

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

Technical Skills

Programming Skills - Java, Python, C++, Express JS, Spring Boot, MySQL, MongoDB
Frontend - React, Angular, Vue.js, Three.js, Javascript, Typescript, Figma (UI/UX), Bootstrap, HTML, CSS, SCSS
Cloud - AWS, GitHub Actions, Terraform, CI/CD
Technologies & Tools - Node.js, Java MVC, RESTful API, JSON, Jira, Git, Graphql, Linux, Unix, Microsoft suite
Certifications - Oracle Certified Associate (OCA) Java SE 8 Programmer

Professional Experience

Software Developer, Virtusa, Chennai, India   **Aug 2020 – Aug 2022**

- Regenerated prior version of NWT web application from Angular 10 to Angular 13 with code mods, and moved to mono repo, managing increase in code coverage of 89% by using the NX
- Implemented a comprehensive documentation strategy, incorporating Java API, resulting in a successful launch and a 15% increase in user engagement
- Led the end-to-end implementation of an Angular project, managing and developing components with Storybook, resulting in a 30% increase in efficiency, and utilizing automated testing to ensure high-quality code
- Developed micro frontend framework with cross-functional teams using agile development methodologies and unit tests, resulting in a 50% increase in deployment extensibility and a 15% increase in productivity

Software Engineer Intern, Virtusa, Chennai, India   **Jun 2020 - Aug 2020**

- Built a practical web CMS model for collaborating with the owner on an organized carpool application, utilizing Java, Spring Boot, Vue.js, Hibernate, and worked in collaborative, test driven development
- Implemented features such as user registration, ride matching, and real-time communication between users, achieved a 90% user satisfaction rate and a 50% increase in daily carpool requests

Projects

Car 3D Model using Three.js - Link   **May 2023**
Created and incorporated a realistic 3D car model with interactive controls for user manipulation utilizing the Three.js library for lighting, shading, and texture, integrated it into a React application

Voice Chat GPT Chrome Extension   **Jan 2023**
Chrome extension built with React and TypeScript that integrates the ChatGPT chatbot API to enable natural language voice conversations, providing a seamless and intuitive user experience

Active Pay - Web Application   **Nov 2022**
Developed credit card payment web app using MERN stack with JWT authentication, optimized performance by 40% using Redux, reduced bundle size by 30% with React Hooks, and added transaction, QR scanner, and CRUD for profiles

AWS CI/CD Web App with React and Node.js   **April 2023**
Implemented Continuous Integration and Deployment on AWS for a scalable web app using React and Node.js, including AWS services such as Elastic Load Balancers, Auto Scaling Groups, VPCs, subnets, IAM roles, EC2 instances, RDS, AWS S3, Lambda functions and databases like Postgres, and infrastructure management with Terraform