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 design development, Program Structure and Algorithms, Network Structures and Cloud computing

B.Tech Information Technology - Anna University, India - GPA: 3.8   April 2020
Coursework: Network and cloud computing, Database management systems, Data Analytics and Algorithms, Data Structures, Machine Learning, Operating Systems, Theory of computation

Technical Skills

Skills - JavaScript, Java, Python, HTML, CSS, C/C++, SCSS, Oracle, MySQL, MongoDB, SQLite, NodeJs

Frontend Frameworks - React.js, Angular, Next.js, Bootstrap, jQuery, D3.js, Typescript, Figma

Backend Frameworks - ExpressJs, Java Spring MVC, java Servlets

DevOps - AWS (S3, CloudFront, Route S3, EC2, Lambda, Code Deploy), GitHub Actions

Network Protocols: HTTPS, HTTP, TCP/IP, DNS, FTP

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

Professional Experience

Full Stack Developer, Virtusa Consulting Services Pvt Ltd, 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, managed using the nx yielding an increased code coverage of 89%
- Enhanced user engagement by 15% by rehabilitating layout design, integrating interactive features using Angular material design, and implementing mapping visualization via ESRI Javascript API
- Developed and managed individual angular components using Storybook resulting in increased efficiency and ease of maintenance by 30%
- Constructed an internally-built micro frontend framework for our application, resulting in a 50% increase in deployment extensibility through plugin integration, and implemented targeted functionality to various job roles, resulting in a 15% increase in productivity

Key Skills: Angular, Typescript, Java, Angular Material, Ag-grid, Node.js, HTML, SCSS, Storybook, Jest, Karma, VS code, Web Development, Performance metrics, User satisfaction, Responsive Design, Site template Development

Associate Engineer Technology Intern, Virtusa Consulting Services Pvt Ltd, Chennai, India   Jun 2020 - Aug 2020
- Built a practical model for collaborating with owner for an organized carpool application using Java, Spring MVC, Angular, Hibernate and also excel in a collaborative, project-based work environment
- 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

Key Skills: Java, Spring Boot, Hibernate, MySQL, JavaScript, HTML, Spring MVC, CSS, Angular, IntelliJ

Projects

Active Pay - Web Application, Northeastern University   Sep 2022 - Dec 2022
- Worked as a member of a team to design, and implement a credit card payment web application using the MERN stack (MongoDB, ExpressJS, ReactJS, NodeJS), integrated with JWT token for authentication and authorization
- Reduced the overall bundle size by 30% by implementing React Hooks and optimized the performance by 40% using Redux for state management and used fundamental web standards such as HTML5, SCSS, Bootstraps, and JavaScript
- Implemented grids to display transaction amounts, a QR code scanner for paying bills, and CRUD functions for profiles

Technologies: ReactJS, ExpressJS, MongoDB, NodeJS, REST API, JWT, React Hooks, Redux, Postman,

EzKart - Java Application, Northeastern University   Sep 2022 - Dec 2022
- Collaborated with team members to design and implement features such as user authentication with Java Mail API, product (food, groceries, meat, pharmacy) ordering and partner management for both customers and delivery partners, worked in debugging of code, resulted in a 50% increase in user registration

Technologies: Java, Spring Boot, Hibernate, Spring MVC, MySQL, JavaScript, HTML, CSS

My City App - Web Application, Anna University   Jun 2019 – Dec 2019
- Built a web application that allows tourists to plan their itineraries and track their location in real-time using MEAN stack(MongoDB, ExpressJS, Angular, NodeJS) , led 50% reduction in time for planning itineraries
- Implemented various features such as user authentication, itinerary planning, and implemented Google Places API

Technologies: Angular, TypeScript, NodeJS, ExpressJS, MongoDB, Google Places API