Sudharsan Ragavendhiran Anuradha

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Overview

Software Engineer with 4 years of experience building scalable enterprise-oriented software products for the US healthcare industry. Demonstrated leadership by leading teams of 10-25 resources across technology teams and responsible for delivering complicated high quality scalable solutions

Education

Northeastern University, Boston, MA, USA   **Expected May 2024**
Master of Science in Information Systems
- Key Coursework: Application Engineering & Development, Web Development and UI Design, Data Science, DBMS

Anna University, Chennai, TN, India   **Apr 2018**
Bachelor of Engineering in Computer Science and Engineering
- Key Coursework: Network Structures, Operating Systems, Database Management Systems, Data Structures & Algorithms

Skills

- **Languages**: HTML5, CSS3, SCSS, JavaScript, TypeScript, Java, Python
- **Frameworks**: ReactJS, NodeJS, ExpressJS
- **DataBase:** Oracle SQL, MySQL, MongoDB
- **Data Science Libraries:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn
- **Project Management Tools:** Jira, Clickup, Confluence
- **Knowledge Areas**: Full Stack Engineering, Data Analytics, Project Management

Work Experience

Element5 Inc, Chennai, TN, India   **Oct 2021 - Jun 2022**
Senior Software Engineer
- Functioned as a liaison between engineering team and stakeholders in designing, developing, and delivering Automation as a Service (AaaS) solutions to meet business needs and customer requirements
- Led cross-functional teams in the successful delivery of scalable and robust automation frameworks using Python, JavaScript to drive operational efficiency, reduce costs, and increase productivity

Element5 Inc, Chennai, TN, India   **Jun 2020 - Oct 2021**
Software Engineer
- Demonstrated Expertise in building RESTful APIs and microservices using NodeJS and integrating them with various front-end technologies
- Spearheaded the engineering team on building a scratchpad application to store short lived data used for automation by multiple e5 applications using NodeJS, ExpressJS, MongoDB, Elastic search
- Worked on development of comprehensive front-end solutions using HTML5, CSS3, JavaScript and React.JS for e5 Dashboard single page application
- Revamped the RESTful APIs for the e5 automation deployment platform using Node.js and Express, resulting in a 30% reduction in response times and improved scalability

Ideas2IT Technologies, Chennai, TN, India   **Oct 2018 - May 2020**
Software Engineer
- Built robust backend services using NodeJs, Javascript and camunda modular for RPA automation low code platform
- Contributed immensely in the frontend development of automation deployment web platform using ReactJS

Projects

Job Portal   **Mar 2023**
Web application platform designed to connect job seekers with job opportunities posted by employers
- Created scalable backend using NodeJS, ExpressJS and MongoDb
- Built a stylish and easy-to-understand user interface using ReactJS

Real-estate Marketplace   **Jan 2023**
Web application that is a centralized marketplace for buying, selling, and renting properties
- Created the backend using NodeJs, ExpressJS and MongoDb
- Developed the frontend using HTML5, SCSS, JavaScript

Electronic Health Record Software   **Jan 2023**
Software application used by healthcare providers to create, store, manage, and access electronic health records
- Developed backend using Java and built frontend using Java Swing
- Skills & Technologies used- Java, MySQL

Naïve Bayesian Classifier Sentiment Analysis   **Dec 2022**
Sentiment Analysis of 1.6 million twitter tweets
- Built Naive Bayesian model to perform sentiment analysis with an accuracy of 91%
- Skills & Technologies used- Python, Matplotlib, scikit-learn