Sudharsan Ragavendhiran Anuradha

Boston, MA | ragavendhirananura.s@northeastern.edu | (737)-296-6189 | LinkedIn | DataScience_Portfolio

Overview

Senior Software Engineer with 4 years of experience building scalable enterprise-oriented automation solutions for the US healthcare industry. Demonstrated leadership by Lead teams of 10-15 resources across technology teams and responsible for delivering complicated high quality scalable solutions

Education

Northeastern University, Boston, MA   **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, 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/ Tools**: ReactJS, NodeJS, GraphQL, Oracle SQL, MySQL, MongoDB
- **Data Science Libraries:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn
- **Project Management Tools:** Jira, Clickup, Confluence
- **RPA Tools:** Uipath, BluePrism, Automation Anywhere
- **Knowledge Areas**: RPA, Full Stack Engineering, Data Analytics, Project Management

Work Experience

Element5 Inc, Chennai, India   **Oct 2021 - Jun 2022**
Senior RPA Engineer/ Team Lead
- Functioned as a liaison among stakeholders, product team, and onshore team to gather requirements and set priorities for multiple critical RPA projects using Uipath, Python, Javascript
- Led the planning and execution of RPA automation as a service, ensuring timely delivery of high-quality scalable solutions for web and citrix automations
- Spearheaded a team of vendor partners (4 Dev and 4 QA) and two internal teams (7 Dev and 4 QA) to develop Element5 RPA Automation Platform to replace Uipath RE Framework which resulted in improving stability by 80% and scalability by 90%
- Devised Architecture and delivered stable and scalable automation solution using uipath for Initial Eligibility Automation for Post acute care market with stability of 85%

Element5 Inc, Chennai, India   **Jun 2020 - Oct 2021**
RPA Engineer
- Architected the web and citrix automation solutions for the Review Claim Demonstration process eliminating almost 50 FTE across 10 clients resulting in direct impact of 30% in company's revenue
- Revamped the automation code base migrating from Blue Prism to Uipath for US healthcare post acute market Physician Order Tracking eliminating almost 20 FTE across 8 clients
- Developed automation solutions for us healthcare post acute market for HHA visit note validations eliminating almost 20 FTE across 5 clients using uipath
- Successfully set up a support team (5 L1 and 3 L2) from hiring, training and Managing the team

Ideas2IT Technologies, Chennai, India   **Oct 2018 - May 2020**
Software Engineer
- Contributed immensely in the development of web automation for an education sector client called APUS eliminating 10 FTE
- Built robust services using Javascript for in house RPA automation tool

Projects

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

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 HTML, SCSS and Javascript