Sudharsan Ragavendhiran Anuradha

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EDUCATION

Northeastern University   **EXPECTED Dec 2024**
Master of Science in Information Systems   Boston, MA
- Course work: Application Engineering & Development, Web Development and UI Design, Data Science, DBMS, Data Structures & Algorithms, Project Management, Agile

SKILLS

Software Skills: Python, Java, C#, JavaScript, React.js, SpringBoot, Node.js, Mocha, Selenium, RPA, SQL, MongoDB
Tools: Jira, Trello, Clickup, Confluence, Kanban, Moqups, Balsamiq, Figma, Azure DevOps, AWS, Power BI

EXPERIENCE

Philips North America   **Jan 2024 – Aug 2024**
Software Engineer Intern   Cambridge, MA
- Designed and implemented an end-to-end automation infrastructure in Azure DevOps, integrating with Microsoft Teams to automatically assign test cases to resources and trigger review processes upon test completion, significantly improving workflow efficiency and accountability by 40% in Agile setup
- Implemented a comprehensive visualization dashboard for performance test metrics on Microsoft Azure, enabling stakeholders to access 10+ actionable insights that enhanced decision-making processes.

Element5 Inc   **Jun 2020 – Jun 2022**
Team Lead   Chennai, INDIA
- Led cross-functional engineering teams to deliver significant software products in agile while overseeing project plans and schedule commitments
- Spearheaded a comprehensive release strategy for an automation platform that addressed critical scalability challenges, leading to a 30% increase in customer onboarding efficiency and improved client satisfaction levels
- Established primary on-call and secondary support teams from the ground up, leading the hiring and training of 15+ team members, resulting in a 78% reduction in production bug resolution time over a 6-month period
- Collaborated directly with the CEO and COO to establish career development paths for Developers, QA, and support teams, fostering professional growth and organizational alignment
- Led the strategic expansion of the organization in the USA, hiring and managing interns while building and establishing a team of 5 to support growth initiatives

Software Engineer
- Optimized backend services using Node.js and JavaScript for an RPA automation low-code platform, resulting in a 20% reduction in response times and enhanced system performance
- Engineered a state-of-the-art internal scratchpad tool using Node.js, Express.js, and MongoDB; streamlined data storage for automation processes across multiple applications, enhancing operational efficiency by 20% and reducing retrieval time by 60%.

Ideas2IT Technologies LLC   **Oct 2018 – Jun 2020**
Software Engineer   Chennai, INDIA
- Designed and implemented a sophisticated .Net codebase for desktop automation for Automation as a service using our own RPA automation low code platform

RELEVANT PROJECTS

Homefront Harvest - Food Subscription Application (Link)
- Designed an intuitive **Figma** prototype to streamline meal planning and delivery, incorporating user research and feedback for an enhanced customer experience

Microsoft Teams Redesign
- Led the redesign of Microsoft Teams in agile to enhance user experience and collaboration features. Defined the product roadmap, created Project Charters, developed Gantt charts to manage timelines, and provided budgetary estimates for the project. Conducted user research and collaborated with cross-functional teams to deliver a streamlined, user-friendly solution.