

# 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, React.js, SpringBoot, Node.js, Mocha, Selenium, SQL, MongoDB, LLMs, TensorFlow, PyTorch

**Tools:** Jira, Trello, Clickup, Confluence, Kanban, Moqups, Balsamiq, Figma, Azure DevOps, AWS, Power BI

## EXPERIENCE

### Philips North America

Jan 2024 – Dec 2024

#### Software Engineer Co-op

Cambridge, MA

- Built and deployed machine learning models using TensorFlow for predicting real-time patient monitoring metrics.
- Built a generative AI bot using Python, improving customer support efficiency by providing tailored configuration guidance for PIC iX Patient Monitoring.

### 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.

**GenAI Applicant Screening:** Developed an ATS application using Python and OpenAI GPT-4, automating resume evaluation with summarization and scoring capabilities