

# Sudharsan Ragavendhiran Anuradha

[ragavendhirananura.s@northeastern.edu](mailto:ragavendhirananura.s@northeastern.edu) | +1 (737) 296-6189 | Boston, MA | [Portfolio](#) | [Github](#) | [LinkedIn](#)

## EXPERIENCE

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### Philips North America

Jan 2024 – Present

Software System Engineer Intern

Cambridge, MA

- Executed the integration of Microsoft Azure Dashboards to display key performance indicators, enabling stakeholders to make data-driven decisions and optimize system performance, leading to a 25% improvement in application uptime and a 30% decrease in latency
- Streamlined codebase for Philips Patient monitoring device Pic Ix Performance Testing, achieving a 40% decrease in test execution time and a 25% improvement in resource utilization efficiency
- Engineered and optimized an automated test infrastructure using the Java Selenium framework, resulting in a 40% reduction in testing time and a 25% increase in code coverage for the application

### Element5 Inc

Jun 2020 – Jun 2022

Software Engineer

Chennai, INDIA

- Orchestrated collaboration between the engineering team and stakeholders to conceptualize, develop, and deploy Automation as a Service (AaaS) solution using UiPath, resulting in a 65% reduction in manual processing time
- Led a cross-functional team of vendor partners (4 SDE and 4 QA) and an internal team (7 SDE and 4 QA) in building e5 Automation Platform 2.0 within an agile setup, resulting in a remarkable 50% improvement in scalability
- Devised Architecture and delivered stable and scalable automation solution using UiPath for Initial Eligibility Automation for the Post-acute care market with a stability of 85%
- Revamped the RESTful APIs for the e5 automation deployment platform using Node.js and Express, resulting in an impressive 30% reduction in response times and a significant enhancement in scalability

### Ideas2IT Technologies

Oct 2018 – May 2020

Software Engineer

Chennai, INDIA

- Architected and implemented highly scalable backend services utilizing Node.js and JavaScript for a RPA automation low code platform, leading to a 50% reduction in server response time and a 40% increase in data processing efficiency
- Engineered significant enhancements to the automation deployment web platform through frontend development using React.js, leading to a 50% improvement in overall user interface responsiveness and a 30% increase in user engagement metrics

## EDUCATION

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### Northeastern University

EXPECTED Aug 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

## SKILLS

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**Technical Skills:** Python, Java, JavaScript, HTML5, CSS3

**Frameworks:** React.js, Next.js, Chart.js, D3.js, Sass, Redux, Express.js, Node.js, Mocha, Selenium

**Database:** Oracle SQL, MySQL, MongoDB

**Tools:** Jira, Clickup, Confluence, Git, Kanban, Moqups, Balsamiq, Figma, Jenkins, Gherkin, Azure DevOps