SRUJANA MUNINARAYANAPPA RAMESH

[*smuni4@uis.edu*](mailto:smuni4@uis.edu%20) *| 217-220-2576 |* [*LinkedIn*](http://www.linkedin.com/in/srujanamr91) *|* [*GitHub*](https://github.com/Srujana712543) *|* [*Portfolio*](https://darshanrajarathnam.github.io/Darshan-Rajarathnam-Kesavan-Portfolio/)

# EDUCATION

**University of Illinois, Springfield, IL** GPA: 3.9 / 4.0 | May 2025 Master of Science in Computer Science **Don Bosco Institute of Technology, Bengaluru, India** GPA: 3.86/ 4.0 | Jun 2023

Bachelor of Technology in Computer Science | Silver-medalist

# EXPERIENCE

**Cloud DevOps Intern** Feb 2024 - Present

*Office of Medicaid Innovation, University of Illinois System Springfield, IL*

* Automated workflows to generate meeting minutes and acronym detection using **Azure OpenAI, Power Automate, and SharePoint**, reducing manual effort by 50% and enhancing organizational documentation processes
* Migrated legacy systems to the Azure cloud platform, ensuring a seamless transition while maintaining data security and compliance with HIPAA standards
* Collaborated with cross-functional teams to validate cloud architecture designs, ensuring adherence to best practices in performance, security, and scalability
* Presented insights and recommendations on system optimization using **Power BI dashboards**, enabling data-driven decision-making by senior management

**Public Relations Head** Oct 2020 - Feb 2021

*Youth India Foundation (Non-profit organization) Bangalore, India*

* **Led cross-functional teams** to organize and execute community initiatives, coordinating with internal teams and external stakeholders to achieve program goals
* Developed and maintained an online presence for the organization by utilizing cloud-based collaboration tools like Google Workspace and Microsoft Teams, improving outreach and engagement by 30%
* Collaborated with IT teams to design and maintain a scalable and secure cloud-based repository for storing event data and volunteer information, improving accessibility and data management
* **Organized and managed fundraising events** to support underprivileged children, raising funds to provide for their basic living needs and access to quality education

**Student Intern** May 2022 - Sept 2022

IFuture Robotics Bangalore, India

* Collaborated with a team to prototype cloud-based solutions for real-time monitoring of robotic systems, integrating Azure IoT services for enhanced data collection and performance tracking
* Developed automated workflows using **Azure Logic Apps and Power Automate**, improving task management efficiency by 25%
* Conducted system performance evaluations and presented data insights using **Power BI**, leading to actionable strategies for robotics process automation and operational improvements

# CAPSTONE PROJECTS

## Emergency Room (ER) Wait Time Prediction Using Machine Learning and Azure DevOps Oct 2024

* Developed and deployed an ER wait time prediction model using Azure Machine Learning, leveraging historical data and real-time inputs to optimize hospital resource management, resulting in a projected 15% reduction in patient wait times
* Implemented an end-to-end automated pipeline using Azure DevOps (Pipelines, Repos, and Monitor) for continuous integration and deployment of machine learning models, ensuring real-time prediction updates and system reliability
* Designed a Power BI dashboard integrated with Azure SQL Database to visualize predicted wait times and staffing needs, improving hospital decision-making and enhancing patient satisfaction

# ACHIEVEMENTS AND AWARDS

* **Silver Medalist** in Bachelor of Engineering in Computer Science, awarded for academic excellence, ranking among the top 1% of graduates at Don Bosco Institute of Technology.
* Moderated the **Low Code No Code Microsoft Power Platform Conference**, successfully raising $5,000 for UNICEF USA’s Every Child Fund, showcasing leadership and community engagement.
* Recipient of the **Julie and William Kellner Working Student Scholarship ($1,500),** recognizing academic and professional excellence.
* Awarded the prestigious **Graduate Public Service Internship (GPSI),** securing a 60% tuition waiver and earning selection among 50 students from over 2,000+ applicants based on merit and aptitude.

# SKILLS

**Programming:** Java, Python, PowerShell, Bash, SQL   
**Automation:** Power Automate, n8n, Azure Logic Apps, Azure Functions, Terraform

**Tools:** Microsoft Power BI, Snowflake, Microsoft Office Suite, Azure DevOps, Azure Kubernetes Service (AKS), Docker, Git, Visual Studio Code

**Certification:** Microsoft Certified: Azure Fundamentals [**Badge**](https://www.credly.com/badges/02b0e359-43b5-4d52-b8b7-ea1a496167bd/public_url) | Microsoft Certified: Azure Administrator Associate [**Badge**](https://learn.microsoft.com/api/credentials/share/en-us/MuninarayanappaRameshSrujana-9222/E9FF05E9F2F42906?sharingId=362DF08643237ECE) | HashiCorp Certified: Terraform Associate | Certified Specialist Business Intelligence(CSBI)[**Badge**](https://www.linkedin.com/in/srujanamr91/details/certifications/1710273516202/single-media-viewer?type=DOCUMENT&profileId=ACoAACjdTyQBnzfcFYkmc2bnVJfHTziTLXpbO-o&lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_certifications_details%3BgzlmkaMpQSayC0dOLviOaA%3D%3D)