

# Sudarshan Kammu

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## Professional Summary

Experienced Software Engineer with over 2 years of expertise in full-stack development, specializing in .NET MVC, AngularJS, and RESTful API development. Adept at designing and deploying scalable, high-performance web applications. Skilled in Agile (SCRUM), Test Driven Development, and Waterfall methodologies. Solid foundation in databases, cloud platforms like Azure, and workflow automation using SharePoint. Proven track record of delivering robust and maintainable software solutions aligned with JD expectations at Micron Technology.

## Skills

- Programming Languages: C, C++, C#, SQL, JavaScript, TypeScript
- Web Technologies: HTML5, CSS3, JavaScript, JSON, AJAX, NodeJS, ReactJS, AngularJS, Chakra UI, SharePoint
- Web Services: RESTful, SOAP
- Frameworks: .NET MVC, .NET Core, LINQ
- Databases: MS SQL Server, MySQL, MongoDB
- Cloud & Deployment: Azure (Pipelines, BuildMaster), AWS (S3, EC2)
- Version Control: Git, Azure DevOps
- Tools & Others: Docker, Windows Task Scheduler, ActiveBatch, InfoPath
- Methodologies: OOP, Agile, SCRUM, Waterfall SDLC

## Work Experience

### Research Assistant - University at Albany

*Jul 2024 – Present*

- Developed a full-stack MERN application with responsive architecture and real-time collaboration tools.
- Integrated AI-driven features for brainstorming and idea generation.
- Designed an intuitive UI with ReactJS, boosting user engagement.
- Reduced bugs by 15% through rigorous debugging and testing workflows.

### Associate Software Engineer - Micron Technology

*Jan 2022 – Jan 2024*

- Led AngularJS and .NET web development projects enhancing global productivity tools.
- Streamlined backend APIs for efficient and secure data operations.
- Automated deployment with Azure Pipelines and BuildMaster, reducing downtime by 20%.
- Created SharePoint-based workflows increasing cross-team collaboration efficiency.
- Used ActiveBatch and Windows Task Scheduler to automate critical infrastructure operations.
- Optimized SQL scripts and managed database migrations to support production readiness.

## Projects

- **Generative Ideas:** MERN stack collaborative learning tool with AI-generated brainstorming capabilities.
- **Collabora:** Vite-based React app using Node.js and MySQL, deployed on GCP with real-time document sync.
- **DocP Document Parser:** Intelligent document extractor using Amazon Textract + OpenAI, focused on contracts.
- **FCPS:** Facility management system using Angular, .NET, and MySQL. Enhanced UI and performance.
- **ADCS:** .NET MVC app with Azure migrations and LINQ optimization for document control systems.
- **Enablon:** Data processing app using LINQ and scheduled automation for reporting accuracy.
- **MOC:** SharePoint-based task tracking and notification system using InfoPath and Designer workflows.

## Education

- **MS in Computer Science**, University at Albany (GPA: 3.89), Jan 2024 – Present
- **BTech in Computer Science**, SASTRA University (GPA: 3.32), May 2022