

SRAVAN ARIMADLA

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OBJECTIVE

A Software Engineer with 3.6 years of experience passionate about full stack development technologies, seeking a full-time opportunity in software development. Passionate about leveraging Generative AI, LLMs, RAG and prompt engineering and collaborate across global teams to transform business needs into cutting-edge AI solutions.

EXPERIENCE

Micron : Software Development Engineer (SDE - 2) 2022 - Present

- Designed, developed, and maintained multiple Angular and .NET-based web applications, integrating AI-driven enhancements to streamline workflows and boost productivity by automating repetitive tasks.
- Implemented various design patterns, enhancements and resolved bugs based on product owner requirements.
- Spearheaded internal initiatives integrating Azure OpenAI and GitHub Copilot to automate routine tasks, increasing team productivity by 30%.
- Followed software coding standards, scaled the application and Optimized application performance by 20 percent through the creation of efficient write line API endpoints
- Followed Agile practices and implemented CI/CD pipelines using Azure DevOps for rapid and reliable Solutions delivery.
- Developed a Gen AI internal assistant leveraging Azure OpenAI and prompt templates to assist engineering teams with suggestions, documentation summarization, and workflow automation.
- Implemented prompt engineering techniques to optimize interactions with LLMs, improving the accuracy and relevance of generated outputs

Wipro :Full Stack Developer Feb 2022 - Aug 2022

- Led a team of 5 members to successfully complete an Angular project during an internship.
- Improved user experience and application efficiency by implementing performance optimization strategies.

SKILLS

Technologies	Angular, ASP.NET Web API, .NET Core, Entity Framework, Micro services, LINQ, SQL, Microsoft SQL Server
Programming	JavaScript, C#, HTML, CSS, C++, Java, Python, DSA
Cloud	Azure/AWS (S3, EC2, Load balancer, Auto scaling, Azure functions, Azure Storage, Service Bus)
Tools	VS Code, Visual Studio, Github, Jenkins, Swagger, Postman, Jira, Bit-bucket, snowflake
Gen AI	Effective use of Gen AI tools GPT 4.O, Tabnine claude3.7 sonnet,Microsoft AI-900 Certified Azure AI Foundary, Azure Semantic Kernal, RAG, LLM, Fine Tuning, Prompt Engineering

EDUCATION

Bachelor of Technology (B.Tech) : Kakatiya Institute of Technology and Science Grade: 9.17

Diploma : Singareni Collieries Polytechnic Grade: 95%

PROJECTS

MACD: I led a team of three to develop the MACD application from scratch. This project aimed to minimize human effort in lot and wafer attribute tagging within a semiconductor company. By automating the containment and disposition process, MACD achieved a 30% improvement in production streamlining. Additionally, it significantly reduced containment time from 56 hours to just 2 hours, further decreasing the need for manual intervention

RMA-Fast: Developed the Return Material Authorization (RMA) application to manage product returns for Micron. Implemented new features, enhancements, and bug fixes to improve functionality. Implemented source control management in application with testing, build pipelines and operation experience. Boosted application performance by automating REST API calls. Created efficient write line APIs, streamlining processes at the Micron business level.

AI Chat Assistance: Developed proof-of-concept Gen AI tools using prompt engineering and RAG patterns. Collaborated with cross-functional teams to architect AI-powered components in Angular and .NET especially using Azure Semantic Kernel. Used RAG patterns to combine internal document search with LLM output, reducing time to retrieve internal knowledge by 50%

CERTIFICATION

Microsoft Azure: AZ-900 , AI-900

AWS: AWS Cloud Practitioner

EXTRA-CURRICULAR ACTIVITIES

- Actively write blog posts on LinkedIn to support the student community. [LinkedIn](#) Maintain a robust network of over 10k+ followers, including corporate employees, students, and startup founders/co-founders..
 - Conducted internal workshops and tech talks to mentor junior developers and upskill teams in prompt engineering and AI best practices.
 - Organized and hosted company-wide events including Secret Santa, Sports Fiesta, and code quality sessions, boosting team engagement and cross-functional collaboration.
 - Volunteered as a mentor in topmate and student-led tech communities to help beginners build hands-on projects and prepare for tech careers
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