SNEHA KISHORE PRITI

Software Engineer - II

Contact Details

✉ spriti22052000@gmail.com

📞 +91 7033307632

📍 Hyderabad

Education

2020 – B.Tech. – Electrical Engineering

IIT – Indian School of Mines

Technical Skills

- Full-stack Software Development
- C#, Python, Java
- React/TypeScript/JavaScript
- .NET Framework, .NET Core, WPF
- MS SQL Server, NoSQL, Kusto, Cosmos
- Cloud (Azure)
- DevOps, Git
- TensorFlow, Image Recognition Algorithms, NLP
- CI/CD tooling
- Microservices
- Data structures and algorithms
- Testing & Deployment
- Machine Learning & Artificial Intelligence

Core Competencies

- Project Management
- Leadership
- Client Relationship Management
- Agile Development Methodology
- Workflow Optimization
- Debugging & Troubleshooting
- Team Collaboration & Management
- Technical Assistance
- Cloud Security & Cybersecurity

Certifications

- AZ-900: Microsoft Azure Fundamentals
- Microsoft Certified C# Developer
- DP-900: Microsoft Azure Data Fundamentals

Profile Summary

- **Showcased expertise in full-stack software development within the technology industry**, emphasizing collaboration with cross-functional teams to deliver top-notch software solutions on .NET Core and React
- **Proficient in utilizing a robust skill set encompassing C#, Python, PowerShell, HTML, CSS, React, cloud security, Azure services, cybersecurity, and DevOps** to develop innovative software solutions and lead cross-functional teams effectively.
- **Proficient in high level design and low-level design** with deep understanding of OOPS concept, design patterns, concurrency, and design principles.
- **Currently guiding a team of highly skilled software engineers at Microsoft, specializing in developing innovative full stack applications (C# backend, react frontend)** using agile methodologies and best practices.
- **Achieved a 20% reduction in deployment timelines and project roadblocks, enhancing overall development efficiency** while at Microsoft.
- **Engaged directly with 20+ major customers of M365 Security and Compliance**, understanding pain points and designing effective solutions, showcasing a proactive approach to customer engagement and problem-solving.
- **Currently leading a team of 5+ highly skilled software engineers at Microsoft, supervising the full-stack development process** and resolving escalated software issues as the Microsoft DLP SME.
- **Experienced in requirement analysis, estimation, and feature development**, ensuring timely delivery and alignment with project objectives.
- **Experienced in security and compliance domains** like eDiscovery, Data Loss Prevention, and Information protection.
- **Collaborative approach in brainstorming and identifying optimal solutions** for complex problems, leveraging software development expertise and domain knowledge.
- **Committed to continuous learning and innovation, staying up to date with the latest industry trends and technologies** to deliver top-notch solutions that resonate with users.

Organizational Experience

Since Jul'20 | Microsoft, Hyderabad
Growth Path:

Software Engineer (Jul'20 - Feb'23)	➡	Software Engineer II (Since Feb'23)

Software Engineer II | Since Feb'23

- Led the development of a highly scalable real-time monitoring and analytics dashboard, processing over 100 million events per day, utilizing Cosmos/Kusto as the data source, Event Hub for event handling, Azure Data Factory for scheduling, and React for the front-end interface, driving actionable insights and optimizing application performance at a scale.
- Designing and improving the product telemetry for understanding the customer usage in a better way and using the telemetry data to prioritize the development and improvement of features in C#), resulting in a 15% increase in customer usage understanding and feature prioritization.
- Implemented strategies that led to a 20% reduction in deployment timelines and project roadblocks, enhancing overall development efficiency (using Agile methodology).
- Mentored and onboarded a team of over 5 software developers in our team to upskill them in the best engineering and design practices used in the team.
- Consistently coordinate organization-wide design discussions and learning sessions.

Software Engineer | Jul'20 – Feb'23

- Implemented and designed four projects, leveraging .NET Framework/Core with C# and Azure Technologies, to expedite the adoption of Microsoft Security and Compliance products (eDiscovery & Data Loss Prevention). Orchestrated collaboration with diverse product teams and PMs, overseeing initial research, project planning, product design, and specification execution.
- Led the comprehensive development of groundbreaking designs for a critical M365 Data Loss Prevention product (using C# with .NET Core), driving a significant $300M revenue increase for Microsoft. Engineered services facilitating real-time migration of diverse Data Loss Prevention policies to the Microsoft DLP platform, employing XML, Azure functions, and deep product expertise.
- Build full stack tools for remediating errors in eDiscovery cases, reducing the wait time from 6 months to few minutes.

Projects:

- Conceptualized and developed an ML-based project (in Python), resulting in a 25% improvement in identifying the maliciousness level of a QR code.
- Led an AI-based project (in Python), contributing to a 30% increase in identifying market sentiments about various Microsoft products.
- Malicious Domain Detector: Demonstrated proficiency in real-time domain maliciousness assessment through Python-based ML/AI techniques, alongside adeptness in orchestrating queues, implementing locks, fine-tuning scheduling, and designing event-driven architecture.

Awards

- Secured 1st place in Future of Compliance Category at Microsoft Hackathon 2020
- Won Runner-Up Award at Microsoft Hackathon 2022