

# Soorya Veeravalli

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## EDUCATION

**University of Massachusetts Amherst, MS in Computer Science** | USA

GPA: **4.0/ 4.0**

Jan 2025 - Dec 2026

*Course work:* Advanced NLP, Data Science

**International Institute of Information Technology Hyderabad, B.Tech in Computer Science**

July 2017 - Jun 2021

*Course work:* Data Structures and Algorithms, Computer Networks, Distributed Systems, Database systems, Statistical Methods in AI, Computer Vision

## PROFESSIONAL EXPERIENCE

**Microsoft, Software Engineer 2 (Azure Cloud services)** | Hyderabad, India

Jun 2021 - Jan 2025

- Key member of **Azure Native Service** teams for **Datadog** and **Dynatrace**. Instrumental in sustaining continuous growth and achieving an annual Azure revenue exceeding **\$100 million**.
- Developed a scalable **multi-subscription monitoring** for Azure Native ISV solutions, simplifying setup across subscriptions using single resource. Achieved a significant **10x** increase in log-flow growth, enhancing monitoring capabilities.
- Developed an **easy trial** experience for ISV partners on **Azure**. Ensuring uninterrupted setup for partner-integrated services such as log forwarding and metrics integration. Resulted in heightened **user engagement** (link)
- Rearchitected and implemented a common telemetry pipeline servicing all ISV partners, managing a daily throughput of over **2** million events. Achieved significant speed and cost efficiencies in data storage.
- Spearheaded the migration from connection string to Azure AD and SN+I certificate-based authentication for storage accounts, enhancing security and compliance for critical applications.
- Implemented a preflight validation framework for ISV partners. This initiative reduced customer update times by providing timely feedback error messages and catching **80%** of errors at compile time.
- Handled **7** services as part of Observability Platform team's common on-call rotation.

## ACHIEVEMENTS

- Microsoft Mountain Movers Awarded for delivering exceptional team performance
- Dean's List 2 honoree for Academic Excellence 2019-20 at IIIT Hyderabad
- Attained a remarkable All India Rank of 698 in JEE Mains, a highly competitive entrance exam with over one million candidates.

## PROJECTS

**Proxy Server** | Computer Networks | IIIT Hyderabad

Nov 2019 - Dec 2019

- Implemented a multi-threaded HTTP proxy server in Python, that handles and serves requests using sockets.
- Integrated advanced features including request blacklisting and response caching for optimized performance.

**Interactive Shell in C** | Operating Systems | IIIT Hyderabad

Jul 2019 - Nov 2019

- Developed a user-interactive shell in C, implementing the major features of Linux shell like redirection, piping, handling background process.

**Multi-threaded BST** | Operating Systems | IIIT Hyderabad

Jul 2019 - Nov 2019

- Developed a multi-threaded binary search tree from scratch, incorporating search, insert, and delete operations using lock-based synchronization mechanisms.
- Implemented a thread-safe data structure, ensuring efficient and safe operations in a multi-threaded environment.

## SKILLS

Languages	C/C++, Python, C#, Java, GoLang, Typescript, Next.js, CUDA, Bash
Frameworks and Databases	Node.js, .NET, Knockout.js, MySQL, Azure CosmosDB
Tools	Git, Postman, Docker, Kubernetes, Microsoft Power Apps
Cloud computing	Azure Cloud Services (Databricks, Synapse Analytics, Functions, SQL Server, Data Lake)

## PUBLICATIONS

- [1] Battan Neeraj, Agrawal Yudhik, Rao Sai Soorya, Goel Aman, and Sharma Avinash. Glocalnet: Class-aware long-term human motion synthesis. *IEEE Winter Conference on Applications of Computer Vision (WACV)*, 2020.