

# SHANTHI SREE DEVARAJU

sd4601@nyu.edu | +1 (551) 786-9400 | New York, NY | <https://www.linkedin.com/in/shanthisree/>

---

## EDUCATION

**New York University**, New York, NY

Fall 2021 – Spring 2023

**Master of Science in Computer Science**

Courses: Data Structures & Algorithms, Operating Systems, Database Management, Distributed Systems, Cloud Computing, Software Engineering, Big Data, Machine Learning

**Osmania University**, Hyderabad, India

Fall 2014 - Spring 2018

Bachelor of Engineering in Information Technology

GPA 9.17

---

## TECHNICAL SKILLS

Languages: C, C++, C#, Java, Python  
Cloud: Azure Functions, Azure cognitive services- LUIS, Azure Service Fabric  
Databases: Oracle SQL, Azure SQL, Azure Cosmos DB, NoSQL DBs  
Web Technologies: API development, HTML, PHP, CSS, JavaScript  
Certifications: AZ-203: Developing Solutions for Microsoft Azure, PEGA 7.2 App Development  
Others: Postman, GIT version control, Excel, Linux terminal

---

## WORK EXPERIENCE

**Azure Technical Consultant, Microsoft India, Hyderabad**

June 2018 – June 2021

Azure CVP Development Team (Connected vehicle platform)

(3 years full-time employee)

- Developed micro-service-based apps in vehicle life-cycle management component. .NET Core & Azure Cosmos DB.
- Developed smart controls in Azure IoT Hub which let users to remotely send commands to their vehicles.
- Developed stored procedures in JavaScript in Azure Cosmos DB to support frontend user functions.
- Designed and developed UML class and sequence diagrams in Microsoft Visio for CVP workflows.
- Worked closely with managers to create user stories, task estimates, Power BI reports in Azure DevOps dashboard.
- Worked closely with 25-member team in troubleshooting root cause and resolving ~200 error incidents in CVP. Improved overall resolution rate by 15% and contributed to customer success.
- Improved the code quality by fixing SonarQube code inspection issues. Improved the reliability rating from C to A, security rating from B to A, code maintainability rating from B to A, resulting in 0 bugs, 0 vulnerabilities and a technical debt ratio of < 5.0% and code coverage of > 70%.
- Developed a threat model using Microsoft Threat Modeling Tool to identify ~25 potential security issues in interactions among various azure components in CVP architecture.

Microsoft Inspire Conference 2019 | Las Vegas, USA

- Selected from India dev center to participate and represent in Microsoft Inspire Conference 2019
  - Went through several technical training sessions to better understand customer flows, orchestration and help our customers accelerate their digital transformation using Azure cloud and Microsoft tools.
- 

## ACADEMIC PROJECTS

**Fleet Management Tracking System**

- Technology used: JavaScript, PHP, MySQL, Bluetooth GPS receiver Global Sat Bt-821c.
- Worked on designing and implementing a fleet management tracking system for GPS devices using open source TRACCAR software. Developed real-time view features, reports and notifications on Android devices.

**Hackathon | Garage**

- Developed Time Zone Collab, a Microsoft Teams app to have a global time zone view of employees in team group/channel.
- Developed 'Send Me That' plugin in Visual Studio for quick and secure code snippets sharing among team members.

**Microsoft WISE (Women in Software Engineering) Mentorship program**

- Mentored by leading women in the Industry at Microsoft IDC.
- Created and uploaded an android app (MEET AT) into play store and published a bot (I CARE) on skype marketplace.

**Brain games**

- Languages used: Python. Software used: Calico IDE. Tweak: A board game. Arrange the pieces such that no two blocks of the same color are adjacent. Primal Logic: Add or subtract numbers on a board such that they make up a prime number. Quiz: A math and aptitude quiz with multiple choice questions to select answers and display scores.

**College Portal**

- Languages used: HTML, CSS, JavaScript for front end. PHP, MySQL for backend. Software used: Apache Tomcat Server. A student portal to help notify college announcements on their active social -networking sites.