

Talasila Supriya

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Education:

University of Houston

Expected: May 2024

Master of Science | Computer Science

R.V.R & J.C College of Engineering

Graduated: September 2020

Bachelor of Technology | Information Technology, (CGPA: 9.1/10)

Professional Experience:

Microsoft .NET Full Stack developer, Infosys Limited, Hyderabad, India

November 2020 – July 2022

- **Southern Company Gas (USA) project:**
 - Responsible for **Data Centers migration** and encryption of database connection string using public key.
 - Working on developing single page web applications and writing business logic in ASP.NET Web API, MSSQL, Angular.
 - Automation of **Building, Testing and Deployment** of Applications onto **Non-Production Servers** using **CI/CD** Pipeline.
 - Creating and maintaining of Batch job applications on to **Autosys**.
 - **System Integration Testing, User Acceptance Testing** and Deployment of applications across different environments.
- **Travel Away Web Application:**
 - Single page web application to provide services from choosing a travel package to booking accommodation to completing payment.
 - Creating appropriate tables with required constraints, User stored procedures and User Defined Functions relevant to the User Stories.
 - Designing the business logic using database first approach with writing LINQ queries for implementation of user stories. Developing of RESTful web services using ASP.NET Web API and User Interface using Angular.

Security Analyst Intern, Supraja Technologies Guntur, India

May 2019 – June 2019

- Vulnerability assessment and Penetration testing – to Identify attacks and mitigate vulnerabilities.
- Worked on virtualization environments and performed tests using cyber security tools (Nessus, Burp Suite, Wireshark).
- Worked on different cryptographic and steganography tools to encrypt and decrypt files.

Project(Major) – Final year:

- **Image enhancement using morphological contrast enhancements for Video-based image analysis:**
 - Improving the contrast of an image using morphological image processing techniques top hat and bottom hat transformation.
 - Clusters formed using Self Organizing Map Algorithm during segmentation to represent as two-dimensional discretized pattern. Validating the quality of clusters by calculating Silhouette Width.

Technical Skills & Certifications:

Knowledge Base: C#, CPP, C, JAVA, Python, Microsoft SQL Server, HTML, CSS, JavaScript, Angular, ASP.NET Web API, Entity Framework Core, Azure DevOps, Microsoft Office.

Certifications: Azure Fundamentals – AZ 900 certified, Infosys Global Agile developer, Block chain architecture design and its use cases by NPTEL and Introduction to programming in C by NPTEL.

Accomplishments:

- Won 'Insta Rise Award' for my best individual performance in project in Infosys.
- Won 'Best Enthusiastic Performer Award' at Supraja technologies for my quality of work.
- Won first place as a team in ACM (Association for Computing Machinery) Student chapter in 2018.
- Won 'Best outgoing student' in Bachelor of Technology for my exemplary performance.