

Deekshith Reddy Addela

Software Developer

Experienced Software Developer adept in bringing forth expertise in design, implementation, testing and maintenance of software systems. Proficient in various platforms and languages. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.



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WORK EXPERIENCE

Advisory Associate Solution Advisor Deloitte USI

05/2021 - Present

Hyderabad, India

Achievements/Tasks

- Designed and implemented Azure Security Automation and Orchestration(ASAO), automates everyday security tasks, such as event alerts, threat responses, and process workflows to streamline company security efforts from end to end. [Azure, Python, Splunk]
- Performed SSDLC Gap Assessment and Cloud Migration Sssessment as part of client's security program evaluation.

Advisory Analyst Deloitte USI

07/2019 - 05/2021

Hyderabad, India

Achievements/Tasks

- Designed and implemented data migration and ETL automation. [Python, Azure, ServiceNow, SQL]
- Automated Security Operations for clients through DevOps Pipelines, Serverless deployments, and Infrastructure as Code languages like Terraform, CloudFormation using Python based serverless APIs. [Python, Azure, AWS, ServiceNow, DevOps]
- Automated a pipeline to classify multi-class unbalanced text using a machine learning model from ServiceNow to SQL. [Python, Azure, ServiceNow, SQL]
- Built a python accelerator to get all users and groups from Azure Active Directory and mapped Organization reporting structure in SQL. [Python, Azure, SQL]
- Trained and quantized machine learning models for edge devices. [Python, GCP, Edge AI model quantization]
- Supported a team to develop Bot Apps using Azure Bot Framework to simplify users' search experience against internal tools. [Python, Azure]
- Performed Manual Penetration Testing and DAST scanning on client's Web Applications
- Implemented DevSecOps CI/CD pipelines using Jenkins, ArcherySec, JIRA, Jfrog, etc., as a Firm Initiative.

ACADEMIC PROJECTS

Seedling Species Classification [Python]

- A Machine learning model is trained to classify 12 species that have crop and weed seeding using Transfer Learning. The model used is VGG16, with a classification accuracy of 96%.

Securing Files using Bluetooth [Python, C#, Bash]

- A second-level authentication process to secure files in windows machine using a Bluetooth device. Inspired from windows dynamic lock function.

SKILLS

Python SQL C++ C Java Javascript
NodeJS .NET Git Azure AWS GCP
ETL DevSecOps Tableau ServiceNow
Data Analytics Machine Learning Cyber Security
NLP Kubernetes Azure Bot Framework

EDUCATION

Bachelor of Technology - Computer Science & Engineering - Sreenidhi Institute of Science & Technology (SNIST), Hyderabad, India
(08/2015 - 05/2019)

CGPA: 9.6

CERTIFICATES

Az-204: Azure Developer Associate - Microsoft

Developing Azure compute solutions and Azure storage; Implementing Azure security, monitor, troubleshoot, and optimize Azure solutions; and Connecting to and consume Azure services and third-party services.

DATA ANALYTICS DIPLOMA - IBM

Theoretical and practical knowledge of Virtualization and Introduction to Cloud Computing, Business Intelligence and Business Analytics, Big Data Analytics and tools, Social Media and Web Analytics.

Machine Learning - Stanford University - Coursera

Introduction to machine learning, data mining, and statistical pattern recognition. Topics include Supervised learning, Unsupervised learning and best practices in machine learning.

INTERNSHIPS

Technical Intern at Deloitte USI (01/2019 - 05/2019)

Worked in Cyber Security. Built an accelerator for identifying vulnerabilities in WordPress plugins and themes by taking URL as input using Python. Researched Deep Learning and Deep fakes and implemented Face swap using C-GAN and Autoencoder.

Research Intern at IIT Bhilai (05/2018 - 07/2018)

Worked on Cryptography and Cryptanalysis - Post-Quantum Cryptographic Algorithms. The technique that is majorly focused on is Compact-LWE: A Public Key Encryption Scheme.

HOBBIES AND INTERESTS

Competitive Programming

Solving Puzzles and Complex Questions

Artificial Intelligence

Cyber Security