Deekshith Reddy Addela
Cloud Automation/DevSecOps 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

Senior Analyst
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 Security Testing as part of client's security program evaluation.[OWASP]
- Implemented GCP Security, Logging and Monitoring Guardrails automation[Python, GCP, AWS, API]
- Supported in building CI/CD pipelines for Build & Release process which includes Code Compilation, Packaging, Security Scanning and code quality scanning, Deployment Methodology and Application Configurations.

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]
- 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   Git   Azure   AWS   GCP   ETL   DevSecOps   CI/CD   Tableau   ServiceNow   NLP   Machine Learning   Data Analytics   Cyber Security   Kubernetes

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, monitoring, troubleshooting, and optimizing Azure solutions; and Connecting to and consuming 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

Farming   Solving Puzzles   Artificial Intelligence   Cyber Security