Rahul Vadisetty   Location: Dallas, Texas Email: rahulvy91@gmail.com / Mobile: +1202-999-0267

PORTFOLIO

ORCID   : 0009-0002-8013-895X
Research Gate: https://www.researchgate.net/profile/
Nationality   : INDIAN

EDUCATION

Wayne State University, Detroit, MI: 2015
Master of Science, Electrical Engineering

Sri Chaitanya Engineering College, Vizag, India: 2013
Bachelor of Engineering, Electronics, and Communication

CONFERENCE

Springer

- AI-based Smart Governance - Accepted at Springer 2024
- Efficient Deep Fake Detection Technique on Video and Audio Dataset Using Deep Learning - Accepted at Springer 2024
- Adaptive Machine Learning-Based Intrusion Detection Systems for IoT Era -Accepted at Springer 2024

IEEE

- Enhancing Intrusion Detection Systems with Deep Learning and Machine Learning Algorithms for Real-Time Threat Classification - Accepted in IEEE Conference 2024
- Gen AI: Efficient Lung Segmentation approach: a comparative Analysis of Unet and pix2pix generative adversarial network - Accepted in IEEE Conference 2024

Journals

- Privacy-Preserving Machine Learning Techniques for Data in Multi Cloud Environments - https://corrosion-management.com/index.php/cm/issue/view/1

Patent

UK Patent
- AI BASED DEVICE FOR DATA SECURITY - https://www.registered-design.service.gov.uk/find/6377598
- AI BASED CRYPTOCURRENCY ANALYSING DEVICE - https://www.registered-design.service.gov.uk/find/6377599

PEER Reviewer in IEEE

- Hybrid CNN & Random Forest Model for Effective Mint Green Leaf Disease Diagnosis
- Digital Forensic Tools: Comparison of Autopsy TSK and Forensic Explorers

WORK EXPERIENCE

Senior Software Engineer, US Bank	03/2023 – Present
Senior DevOps, Optimoz Inc	11/2021 – 12/2022
Senior Systems Engineer, My Vest	06/2021 – 11/2021
IB Systems	04/2021 - 04/2021
Cloud Engineer, Oportun	11/2019 – 04/2021
DevOps Engineer, NextGen Consulting Inc.	10/2018 – 11/2019
Programmer Analyst: I28 Technologies Corporation	03/2017 – 08/2018
Systems Engineer, Ybrant Technologies LLC.	11/2016 – 12/2016
Programmer Analyst, Opera Technologies Inc.	05/2016 – 11/2016
Software Developer, IT Crats	03/2016 – 05/2016

TECHNICAL SKILLS

Languages: Python | C/C++ | Bash | SQL | UML | JavaScript | JAVA| Latex.

Techniques: Artificial Intelligence | Machine Learning | Computer Vision | Web Scraping | Data Analytic | Data Orchestration | Data Annotation | Web Development | Technical writing | Cash Flow Analytic | Social Entrepreneurship | Blockchain Architecture.

Frameworks: Pandas | NumPy | Scikit-learn | TensorFlow | Kera's | Beautiful-Soup | Selenium | Matplotlib | sea-born | Flask | Django | Open-CV | Bootstrap.

Databases: MySQL, Azure SQL DB, Oracle

DevTools: Dev C++ | Visual Studio Code | Google Colabs | Jupyter Notebook | PyCharm | Figma | Oracle Data Management System | Adobe Illustrator | Draw.io | sublime Text | MS Office | Overleaf | WordPress | Git | Mandeley | Zotero.

CERTIFICATIONS

Azure AI Fundamentals
Azure Solution Architect
CompTIA Security+
HashiCorp Terraform
Azure Admin Associate
AWS Security Specialty