Tanvi Shivani Kattamoori

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EXPERIENCE

ACCENTURE | Associate Engineer
Jul 2024 – Present | Pune, India
- Validated the end-to-end data pipeline, using Pyspark to test data integrity and accuracy across multi-terabyte datasets. Automated test suites and delivered comprehensive test reports, improving project efficiency and ensuring high-quality data
- Completed stream-specific trainings and assessments in Python, Pyspark, Power BI and Oracle Peoplesoft.

SUPRAJA TECHNOLOGIES | Intern
Aug 2022 – Nov 2022 | Hyderabad, India
- Gained expertise in offensive security, performing vulnerability assessments and penetration testing using industry-standard tools like Burp Suite.
- Identified, analyzed, and exploited security weaknesses, applying secure coding practices and mitigation strategies to enhance system defenses.

ACCELQ | Intern
Jul 2022 – Aug 2022 | Hyderabad, India
- Specialized in automated software testing using Accelq's platform, focusing on web application testing. Developed and executed test cases, ensuring optimal functionality and performance.
- Recognized as the top performer in the internship for exceptional testing accuracy and problem-solving skills.

PROJECTS

SPEECH-TO-TEXT AND TRANSLATION SYSTEM FOR INDIAN REGIONAL LANGUAGES | Team Lead
- Developed a Python-based speech-to-text and translation system tailored for Indian languages with real-time processing.
- Integrated PyAudio for noise cancellation, SpeechRecognition for accurate transcription, and IndicNLP for seamless translation across multiple Indian languages.

PHISHING AND MALICIOUS URL DETECTION USING MACHINE LEARNING TECHNIQUES | Team Lead
- Developed a machine learning-based web URL classification system, utilizing URL features, PCA for dimensionality reduction, and RandomForestClassifier for threat detection.
- Achieved 96% accuracy in predicting malicious and benign URLs, enhancing cybersecurity measures.

PUBLICATIONS

Tanvi Shivani K., Siva Narayan V., "Phishing and Malicious URL Detection Using Machine Learning Techniques," International Journal of Scientific Development and Research (IJSDR), 2025. [Link]

EDUCATION

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Bachelor of Technology in Computer Science
Jul 2024 | Hyderabad, India
Cum. GPA: 7.9

SKILLS

PROGRAMMING
Python • Java
HTML • CSS
Javascript • SQL

BIG DATA AND ANALYTICS
• Pyspark • Power BI • Artificial Intelligence • Machine Learning • Git/Github

DEVELOPEMENT TOOLS
• Git • GitHub • Docker

CYBERSECURITY
• Penetration testing • Kali Linux • Nmap

COURSEWORK

CERTIFICATIONS

• Oracle Cloud Infrastrucutre - AI foundations Associate
• Data Structures and Algorithms
• IBM Full stack Software Developer
• Java Fundamentals
• Ethical hacking

SOCIETIES

Rotaract club of Hyderabad Utsav (RACHU)
Cybersecurity club of GCET

LINKS

Github:// **Tanvi Shivani**
LinkedIn:// **Tanvi Shivani**