**DUDEKULA ABDUL RAHEEM**

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**CAREER OBJECTIVE**

**EDUCATION**

**B.TECH(Computer Science & Engineering)**  ​ 2021 - 2025

Krishna Chaitanya Institute of Technology and Sciences CGPA-7.71/10

**PROJECT**

**PROACTIVE USERFOCUSED MACHINELEARNING ARCHITECTURE FOR CYBERSECURITY MONITORING CENTERS**

* **Designed and developed** a proactive machine learning-based architecture to enhance real-time threat detection and user-specific cybersecurity responses.
* **Implemented** supervised learning models to classify and predict cyber threats by analysing user behaviour patterns, access logs, and network anomalies.
* **Integrated** feature engineering and data preprocessing pipelines to improve model precision and reduce false positives in cybersecurity alerts.
* **Achieved** approximately **85% accuracy** in identifying abnormal user activities and potential breaches using historical and real-time data.
* **Optimized** response times in security operation centers (SOCs) by automating alert prioritization and adaptive response mechanisms.
* **Technologies Used:** Python, Scikit-learn, Pandas, Network Log Datasets, User Behaviour Analytics (UBA), Cybersecurity Frameworks

**Technical Skills**

* **Programming Languages**: Python, JavaScript, Java, ML.
* **Web Development** : HTML5, CSS3,React.js.
* **Databases**: MySQL.
* **Tools**: Git , GitHub.
* **Framework** : Bootstrap, NumPy, Pandas, SciPy, MongoDB, Django.
* **Testing Tools:** Basics of Selenium, Postman.
* **Cloud & DevOps:** Basics of Azure, AWS.

**Certificates**

* Completed certification in “DATA SCIENCE” from TALENT SHINE PVT.LTD(APSCHE).
* Completed certification in “ Testing Tools ” from BIST Technologies PVT.LTD(APSCHE).

**INTERNSHIP**

**DATA SCIENCE INTERNSHIP (NT&CS)** 07/2024 - 09/2024

* Completed a Data Science internship focusing on data cleaning, analysis & model development using Python ,machine learning libraries .Gained hands-on experience with real-world datasets ,predictive modelling &visualization.

**DEVOPS INTERNSHIP (NT&CS)**  06/2023 - 07/2023

* Gained practical experience with CI/CD tools like Jenkins, Docker, and Kubernetes for automating deployment processes. Utilized Git and scripting (Shell/Python) to streamline DevOps workflows and routine tasks.

**Soft Skills**

* Communication
* Active listening
* Problem-solving
* Leadership