

Aayush Mehta

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Credly

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Work Experience

Winjit Technologies Pvt Ltd

Intern - Data Analyst

June 2022 - July 2022

Nashik, MH, India

- Produced insightful reports with **Power BI** on a diverse dataset.
- Led R&D in **Python** for Facial Recognition, API integration, and Task Scheduler integration.
- Managed databases using **MS SQL** and **MySQL**, showcasing adept database administration skills.

Education

Computer Engineering

Bachelors of Technology (BTech)

CGPA: 7.03/10

Veermata Jijabai Technological Institute (VJTI), Mumbai

June 2023

Certifications

ISC2 Candidate

October 2024 - Present

Google Cybersecurity Professional Certificate

Mar 2024 - June 2024

- NIST CyberSecurity Framework, Cybersecurity Ethics, Asset Management**
- Threat Assessment and Management, Risk Assessment and Management, and Vulnerabilities**
- Intrusion Detection and Prevention, Linux Command Line, SOC (Security Operations Center)**
- Incident Triage and Assessment, Threat Hunting, Vulnerability Scans, Security Policies and Procedures**
- Identity Threat Detection & Response, Data Protection, Compliance Management, Threat Mitigation Techniques**
- SEIM Tools for Analysis, Incident Response and Management**

Advanced Certification in Data Science and AI

Indian Institute of Technology (IIT), Madras

Oct 2021 - Sept 2022

- Machine Learning:** Supervised & Unsupervised Learning, ARIMA, Time Series.
- Artificial Intelligence:** CNN, RNN, NLP.
- Data Tools:** SQL, Power BI.

Mini-MBA

International Business Management Institute (IBM), Berlin, Germany

Feb 2021

Skills

Programming Languages

Python, SQL, HTML, CSS, C, C++

Data Analysis

Power BI, Data Visualization

Cybersecurity

Threats, Risks, Vulnerabilities, Incident Detection and Response, SEIM Tools, Security Framework and Controls, Security Hardening

Soft Skills

Adaptability, Problem-Solving, Analytical Thinking, Critical Thinking, Attention to Detail

Project

Blockchain based Healthcare Management System

Mentor: Prof. K K Joshi

July 2022 - June 2023

Mumbai, MH, India

- Enhanced healthcare application security through Blockchain implementation.
- Proficiently utilized **MetaMask, Solidity, ReactJS, NodeJS, and IPFS** in the technology stack.
- Implemented **Smart Contracts and SepoliaETH** within the Blockchain framework.

Capstone Census

(Individual Project)

April 2022 - May 2022

- Utilized census datasets with Sklearn for preprocessing.
- Employed machine learning algorithms (**Linear Regression, Logistic Regression, Decision Tree, Random Forest**) and assessed performance metrics (**R2 Score, Accuracy, Confusion Matrix**).
- Applied Time Series and ARIMA for precise result forecasting.