Kanishk Purohit

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EXPERIENCE

Cybersecurity Intern
Celebal Technologies   **June 2024 - July 2024, Jaipur Rajasthan India**
- Provided assistance to cloud projects in regards to improving security by various methods that available to in Microsoft Azure suite.
- Configured Cloud based firewalls in azure to implement the concept of least access and assisted in database server management to improve security and minimize attack surface.
- Learned how to use a SIEM tool and read logs to identify potential attacks.
- Utilized Packet Sniffers to monitor and analyze network traffic, identifying security vulnerabilities.
- Conducted vulnerability assessments and penetration tests on 20+ systems, identifying and mitigating high-risk security gaps which improved overall cybersecurity posture by 30%.

PROJECTS

GPS API(BACKEND)
April 2024 - May 2024
- Utilized the ASPDotenet Core framework to build a ready-to-deploy GPS API that can be utilized for managing multiple GPS sensors in an optimized fashion for a large business.
- Utilized the Entity Framework built-in in the ASP.NET Core to communicate with an SQLite 3 Database.
- Configured multiple GPS sensors to send data using GPRS SIMs to a pre-configured server, which would in turn use the TCP/IP protocol with the API.
- Tech Stack - C#, ASP.NET Core, SQL, DevOps, Azure.

Intelligent Fashion Advisory System — Jaipur
March 2024 - April 2024
- Led a high-performing team to develop a groundbreaking fashion advisory system during a 36-hour hackathon, securing a top-6 finish out of 108 teams.
- Developed a cutting-edge fashion advisory system that revolutionizes the shopping experience. By integrating computer vision, natural language processing, and machine learning, we created a smart mirror capable of providing real-time style recommendations
- Tech Stack: Python, TensorFlow/Keras, OpenCV, Natural Language Processing, Computer Vision, Machine Learning,ASPDotnetCore,Entity Framework, Linux/UNIX

Handwritten Digit Recognition System
December 2023 - February 2024
- Developed a robust handwritten digit recognition system capable of accurately classifying images of handwritten digits.
- Implemented a deep learning model using TensorFlow/Keras to extract relevant features from image data.
- Achieved [98% accuracy] on the MNIST dataset. Demonstrated proficiency in image preprocessing, model architecture design, and hyperparameter tuning.
- Tech Stack: Python, TensorFlow/Keras, NumPy, Matplotlib,Linux/UNIX.

Weather DashBoard
May 2022 - June 2022
- In this project, I built a weather forecast website using React and Material UI.
- Used the Axios API for API calling and Material UI for styling and layout. Utilized the Material UI grid functionality to improve website aesthetics and user interface.
- Utilized, the chart capability of Material UI to display informative charts.
- Utilized Open Weather Maps API to Display weather Maps that would help in forecasting weather.
- Tech Stack - TypeScript, React, CSS, Material UI, Axios.

EDUCATION

Btech CSE
Manipal University Jaipur · Jaipur Rajasthan · 2026 · 8.38

12th
Minor in PCM · Rockwoods High School · Udaipur Rajasthan · 2022 · 83.3

10th

Minor in AP Computer Science Principles,Physics,Chemistry · Woodbridge High School · Irvine CA · 2019 · 4.2

CERTIFICATIONS

DSA in python
NPTEL · 2023
· Taught me python and DSA cocnepts both thoroughly

Java Oracle Certificate
Oracle · 2023

SQL Oracle certification
Oracle · 2023

C++ OOPS Certification
Coursera · 2023

SKILLS

React

 NPM/Node JS

ASP Dotenet Core

 Preact

Javascript

Typescript

CSS

Html

SQL

Python

AIML

C

Java

Intermediete SOC skillset