

Kushvanth Chapala

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Internship

Cybersecurity Intern

June 2024 - July 2024

LearNex - IIIT Delhi

- Successfully completed a **60-hour internship on Cyber Security** at CyFuse IIIT Delhi.
- Gained hands-on experience in **cybersecurity principles and practices**.
- Developed skills in **network security, threat analysis, and vulnerability assessment**.

C++ Programming Intern

June 2024 - July 2024

Techvanto Academy

- Implemented C++ software solutions: Created and improved programs using C++ to enhance software functionality and performance.
- Conducted testing and debugging: Participated in testing and debugging to ensure high-quality software development.

Projects

Flask Application using DevOps Tools/ *Docker, Github, Python.*

Mar 2025 – Apr 2025

- Designed and deployed a Flask-based web application using Docker containers for consistent development and production environments.
- Integrated CI/CD pipeline with GitHub Actions to automate testing and Docker image builds.
- Deployed the containerized app to Render, enabling public access with automatic deployment on push.
- **GitHub Repository Link:** <https://github.com/kushvanth7/flask-devops-app>

Smart Contract for Ether Deposits & Withdrawals / *Solidity, Check-Effect-Interaction Pattern.*

Nov 2024 – Dec 2024

- Created a smart contract to handle secure Ether payments and withdrawals.
- Implemented restricted access controls to allow only authorized users to initiate withdrawals
- Developed a secure and efficient mechanism for managing user balances and transfers.
- **GitHub Repository Link:** <https://github.com/kushvanth7/smart-contract-on-payment>

Weather Bot / *Python, Open Weather Map API.*

Mar 2023 – April 2023

- A Python-based Discord bot called Weather Cat, Which uses the Open Weather Map API to retrieve weather information and display weather conditions like temperature, humidity, and AQI.
- **GitHub Link:** <https://github.com/kushvanth7/Weather-Cat>

Certifications

Quick Heal Certified Digital Forensic Investigator

January 2025

CompTIA Security+

January 2025

CompTIA Network+

July 2024

Safeguarding Digital Foot Prints - **Quick Heal**

August 2023

Technical Skills

Languages: C++, python.

Web Technologies: HTML, CSS.

Skills: Linux, Network Security, Computer Forensics, Malware Analysis, Threat Management, Git, Docker, and IAM.

Soft Skills: Problem-Solving Skills, Team Player, Project Management, Adaptability.

Education

Lovely Professional University, Punjab

2022 – 2026

Computer Science and Engineering

Jalandhar, Punjab

Sri Chaitanya Junior College

2020 – 2022

12th with Science

Tirupati, Andhra Pradesh

Sri Sai Ganesh Vidyalayam

2019 – 2020

10th with Science

Tirupati, Andhra Pradesh

