Resume

Alen Elias Cherian

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# Objective

First-year B. Tech student with a keen interest in programming and AI, cybersecurity and ethical hacking applications, eager to leverage my project experience to contribute to real-world applications. Passionate about learning new technologies.

# Education

Bachelor of Technology (B. Tech)  
Cochin University College of Engineering, Alappuzha, Kerala

2024 – Computer Science & Engineering

# Experience

Network Engineer intern – SyamaDynamic Integrated Services Pvt. Ltd. – June,2025

# Projects

**1. AI-Integrated Compliment Generator (Python)**

-Developed a fun and interactive application using Gradio and OpenCV to analyze images and generate personalized compliments.  
  
-Integrated Hugging Face's GPT-2 model for text generation and OpenCV for smile and face detection.  
Implemented K-means clustering to detect dominant colors in clothing for tailored compliments.

GitHub Link: <https://github.com/alenelias123/Compliment-Generator>

Host link: <https://huggingface.co/spaces/alenelias/Compliment>

**2. Hospital Management System (C++)**

Designed a console-based application to manage staff and patient records for academic purposes.  
  
Implemented file handling to store and retrieve data, and used object-oriented programming (OOP) concepts like inheritance and polymorphism.  
Features include adding/viewing staff/patient details, calculating salaries, and generating bills.  
  
GitHub Link: <https://github.com/alenelias123/hospital-oops_project>

# Technical Skills

**Programming Languages:**

JAVA(Basic), Python (Basic), C/C++ (Basic)

HTML, CSS, (Intermediate)  
  
Tools & Frameworks: OpenCV, Tailwind CSS  
Concepts: Object-Oriented Programming (OOP), File Handling, Basic AI.

**Network & Web Security**

* HTTP/HTTPS Protocol Analysis
* Port Scanning & Enumeration
* Firewall Basics & IDS/IPS Concepts
* Secure Authentication Methods

**Graphic designing:**

Familiar with Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects

# Soft Skills

Problem-solving  
Teamwork  
Adaptability

# Certifications

ChatGPT & AI Tools Workshop – be10x (October,2024)

APISEC – introduction to API security Fundamentals - 2025