

ARYAN PURI

Medical Enclave, Amritsar

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Linkedin

Github

TECHNICAL SKILLS

Languages: Python, C++, SQL, Java

Technologies/Frameworks: Jupyter Notebook, Pandas, NumPy, Matplotlib, Scikit-learn, Tkinter, Git, Github

Developer Tools: VS Code, PyCharm, Eclipse, StarUML

Software Application: Adobe Premier Pro

EDUCATION

Vellore Institute of Technology, Bhopal

2023 – 2027

B.Tech - Computer Science and Engineering (Cyber Security & Digital Forensics) - CGPA - 8.96 Bhopal, MP

Army Public School

2023

Higher Secondary School Diploma - Percentage - 84%

Khadki, Pune

DAV Public School,

2021

10th grade - Percentage - 85%

Amritsar, Punjab

PROJECTS

EV Security analysis using Machine learning models | Python, Jupyter Notebook, VSCode

2025

- Identification and alleviation of cyber threats to EV charging infrastructure using the CICEVSE dataset that integrates network traffic information with HPC kernel-level event logs from charging stations.
- Experimented with different machine learning models for binary and multi-class classification, effectively identifying anomalies and potential security vulnerabilities.

YouTube Video Content Generator | Python, Flask, React.js, Gemini API, Node.js, VSCode

2025

- Developed a full-stack web application for YouTube content creators to generate catchy video titles and SEO-optimized descriptions using Generative AI.
- Engineered a Flask API backend in Python to handle AI requests, manage API keys securely using python-dotenv, and process responses..
- Integrated with the Google Gemini API for text generation. Managed API integration challenges and implemented robust error handling. Designed effective prompt engineering for relevant and SEO-friendly content. Gained experience in Python virtual environments, Node.js, and API consumption.

EXTRACURRICULAR

- * Core team member of 2 Social media clubs
- * District Level Chess Player
- * School Debate Team
- * School Cricket Team member

CERTIFICATIONS

- GEN AI Using IBM Watsonx
- AWS Academy Cloud Foundations
- AWS Academy Machine Learning Foundations
- AWS Academy Machine Learning for Natural Language Processing