ARYAN PURI

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TECHNICAL SKILLS

Languages: Python, C++, SQL,Java, Kotlin
Technologies/Frameworks: Jupyter Notebook,Pandas,NumPy, Matplotlib, Sckit-learn,Tkinter,Git,Github, Jetpack Compose, Retrofit, Jetpack DataStore, Jetpack Navigation, MVVM Architecture
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*

PROJECTS

Solace - Personal Wellness Companion (Android App) ⧉ | Kotlin,JetpackCompose,MVVM,Retrofit **2025**

- Developed a native Android application using **Kotlin** and **Jetpack Compose**, adhering to modern MVVM architectural patterns.
- Engineered a data persistence layer with **Jetpack DataStore** to securely save user-generated content and settings locally.
- Integrated the Spotify Android SDK and API with **Retrofit** to allow users to create a personalized music library by assigning moods to playlists.
- Implemented a feature that suggests and plays personalized music by mapping user-assigned moods to their Spotify playlists.
- Crafted a polished UI with custom animations and a dynamic theme using Jetpack Compose's advanced graphics libraries.

EV Security analysis using Machine learning models ⧉ | Python,Jupyter Notebook,VSCode **2025**

- Identified and alleviated 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,GeminiAPI,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