

Aryan Puri

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EDUCATION

Vellore Institute of Technology, Bhopal

2023 – 2027

B.Tech - Computer Science and Engineering (Cyber Security & Digital Forensics)

CGPA – 9.00

TECHNICAL SKILLS

Languages: Python, SQL, Java, Kotlin

Technologies: Pandas, NumPy, Matplotlib, Scikit-learn, Tkinter, , Jetpack Compose, Retrofit, Jetpack DataStore, Jetpack Navigation, MVVM Architecture

Developer Tools: VS Code, PyCharm, Eclipse, StarUML, Git, Github

Software Application: Adobe Premier Pro

PROJECTS

Solace - Personal Wellness Companion | *Kotlin, Jetpack Compose, MVVM, Retrofit*

Sept 2025

- Designed and developed a native Android wellness application using Kotlin and Jetpack Compose following MVVM architecture principles.
- Implemented a secure local data persistence layer using Jetpack DataStore to store user preferences and mood data efficiently.
- Integrated Spotify Android SDK and REST APIs using Retrofit to enable mood-based playlist mapping and playback.
- Built a personalized music recommendation system by linking user-defined moods to Spotify playlists.
- Applied clean architecture principles and modular design to improve scalability and maintainability.

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

Oct 2025

- Developed a full-stack Generative AI web application to generate SEO-optimized YouTube titles and video descriptions for content creators.
- Built a Flask-based backend API to handle AI requests, securely manage API keys, and process responses efficiently.
- Integrated Google Gemini API for text generation with structured prompt engineering to ensure relevant and high-quality output.
- Implemented input validation, rate limiting, and detailed error handling to enhance reliability and security.

EXTRACURRICULAR

Social Media Clubs | *Core Team Member*

- Content creation, event promotions, and digital engagement management.

Chess | *District Level Player*

- Represented district in competitive chess tournaments.

Debate Club | *Team Member*

- Participated in inter-school debates.

Cricket Team | *Team Member*

- Played in school-level cricket tournaments.

CERTIFICATIONS

The Bits and Bytes of Computer Networking | *Google*

2026

GEN AI Certification | *IBM*

2025

AWS Academy Cloud Foundations | *Amazon Web Services*

2025

AWS Academy Machine Learning Foundations | *Amazon Web Services*

2025

AWS Academy Machine Learning for Natural Language Processing | *Amazon Web Services*

2025