

PARAS

BS Applied AI & Data Science Student | AI & Android Developer
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Professional Summary

Applied AI & Android Developer with a solid foundation in Data Science from IIT Jodhpur. Experienced in deploying Generative AI models into production applications via **Kotlin, Jetpack Compose, and Gemini Flash 3.5**. Deeply skilled in building end-to-end ML architectures from first principles.

Education

Indian Institute of Technology Jodhpur — *BS in Applied AI & Data Science (Hybrid)*
Current: Semester 3 | **Cumulative CGPA: 8.375/10**

Technical Skills

- **Programming:** Python, SQL, Kotlin
- **AI & Data Science:** Machine Learning, Data Analysis, Statistics, Data Visualization, Prompt Engineering, Neural Networks
- **Android Development:** Jetpack Compose, Android Studio
- **Tools & Libraries:** Gemini Flash 3.5, Google AI Studio, Git, GitHub, VS Code, Power BI, Tableau, Orange, Weka

Projects

AI Resume Analyzer (Android)

- Developed an AI-powered Android application using Kotlin, Jetpack Compose, Gemini Flash 3.5, and Google AI Studio.
- Engineered an asynchronous JSON parsing layer in Kotlin to process resume texts, delivering ATS compatibility feedback in under 1.5 seconds.
- Optimized prompt architecture using Google AI Studio to eliminate LLM hallucinations, ensuring 95%+ accuracy during skill-gap matching.
- Implemented ATS compatibility scoring, resume-job matching, and AI-generated actionable recommendations.

Neural Network Framework from First Principles (In Progress)

- Programmed an object-oriented deep learning library from scratch in pure Python using NumPy to eliminate dependencies on high-level frameworks.
- Implemented mathematical structures for forward propagation, backpropagation, gradient descent, custom activation functions, and tensor operations.

Relevant Coursework

Algorithmic Thinking • Data Analytics • Statistics & Probability • Linear Algebra • Numerical Analysis • Artificial Intelligence Fundamentals