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## CONTACT

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## EDUCATION

### IIT Jodhpur

BS Applied AI & Data Science

CGPA: 8.28 / 10 | Sem 3

### ALLEN Career Institute; S.G.R. Public School

Class XII | Sikar, Rajasthan | 2024–25

### JNV, Sandhuan

Class XI | Ropar, Punjab | 2023–24

### JNV, Kikarwala Roopa

Class VI–X | Fazilka, Punjab | 2018–23

## SKILLS

- Python, SQL, Kotlin
- Machine Learning & Deep Learning
- Neural Networks, NLP
- Jetpack Compose, Android Studio
- Gemini Flash 3.5, Google AI Studio
- Git, GitHub, Power BI, Tableau

## COURSEWORK

Algorithmic Thinking, Data Analytics, Statistics & Probability, Linear Algebra, Numerical Analysis, AI Fundamentals

# PARAS

AI/ML Engineer | BS Applied AI & Data Science Student, IIT Jodhpur

## PROFESSIONAL SUMMARY

Applied AI and Android Developer with a strong foundation in Data Science from the Indian Institute of Technology (IIT) Jodhpur. Experienced in deploying Generative AI models into production Android applications using Kotlin, Jetpack Compose, and Gemini Flash 3.5. Skilled in building end-to-end machine learning architectures from first principles, prompt engineering, and data analysis.

## PROJECTS

### AI Resume Analyzer (Android Application)

2025

**Tech Stack:** Kotlin, Jetpack Compose, Gemini API, Android Studio

- Developed an AI-powered Android application using Kotlin, Jetpack Compose, Gemini Flash 3.5, and Google AI Studio to automate resume evaluation.
- Optimized prompt architecture to eliminate LLM hallucinations, achieving 95%+ accuracy in skill-gap matching.
- Implemented ATS compatibility scoring, resume-to-job matching, and AI-generated actionable recommendations.

### Neural Network Framework from First Principles

2026

**Tech Stack:** Python, NumPy, Matplotlib

- Programming an object-oriented deep learning library from scratch in pure Python using NumPy.
- Implementing forward propagation, backpropagation, gradient descent, custom activations, and tensor operations.

### CodeBridge — AI-Powered Legacy Code Migration Tool

2026

**Tech Stack:** Python, Gemini API, Streamlit, Git

- Built a VS Code extension that automates legacy codebase modernization using GPT-4o and AST-based semantic parsing.
- Architected the extension frontend in TypeScript (VS Code Extension API) and backend in Python for AST parsing and chunked LLM translation.
- Prevented LLM context loss and hallucination by breaking codebases into isolated semantic chunks before translation.

### Aegis AI – AI-Powered DevSecOps & Code Review

2026



**Tech Stack:** Python, AI/LLMs, GitHub API, FastAPI

- Developed an AI-powered platform for automated code reviews, security analysis, and code quality assessment using Large Language Models (LLMs).
- Built scalable APIs and an interactive dashboard to analyze repositories, detect vulnerabilities, and provide actionable code improvement recommendations.