






Adarsh Kumar Verma

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SKILLS

Technical Skills: Java, Python, JavaScript, HTML/CSS, Flask, ExpressJs, SQL, WordPress, Git/GitHub, VS Code, Docker

Machine Learning: Scikit-learn, TensorFlow, PyTorch, Keras, NLP, Computer Vision (OpenCV),

EDUCATION

VIT Bhopal University

Computer Science Engineering, Specialization in AIML

Aug 2022 – Jun 2026

Current CGPA: 8.46/10

DPPS Pyragraj

Intermediate (PCMC) (12th Grade)

July 2021

Percentage: 91.8%

LFS Harraiya

High School (10th Grade)

May 2019

Percentage: 91%

PROJECTS

HealTech | *Python, Flask, TensorFlow, SQL, REST APIs*

Sept 2024 - Apr 2025

- Architected and deployed a Flask-based AI healthcare platform leveraging TensorFlow predictive models for heart disease, diabetes, and pneumonia—achieving 84% aggregate accuracy and reducing rural patient travel and wait times by 62%
- Designed a scalable backend (Flask, SQL) to support future disease integrations and Handled 100+ concurrent API requests with 99.8% uptime
- Secured sensitive data (OAuth 2.0/HTTPS) and unified medical history/appointment tracking to streamline care for underserved communities.

Smart-Select: Smartphone Recommendation | *Data Science, HTML/CSS, JavaScript* | GitHub Jan 2024 - Apr 2024

- Designed a unique recommendation system that integrated sentiment analysis, evaluating 15 key factors from user reviews; this increased user satisfaction scores by 40% and contributed to a 20% growth in repeat purchases.
- Analyzed and processed over 400,000 Amazon.com reviews, achieving a 92% sentiment classification accuracy to power personalized smartphone recommendations.
- Implemented Flask-based web interface that handled 1,200+ daily user queries, enabling brand and price-range filtering in under 150 ms per request.

TRAINING

CINE C-DAC Value-Added Workshop (*view certificate*) | *Participant*

Jan 2025

Was part of workshop, covering:

- Completed a 30-hour, instructor-led workshop, mastering 5 supervised and 4 unsupervised learning algorithms, designed and deployed 3 end-to-end ML pipelines, and pioneered 2 generative AI methodologies.
- Mastered Git workflows for collaborative development—established branching strategies, pull-request reviews, and merge conflict resolution across a five-member team, accelerating code integration by 30%.

CERTIFICATIONS

IBM AI Engineering Specialization (*view credential*)

Nov 2023 - Jan 2024

Coursera — Issued by IBM Skills Network

Online

Machine Learning Specialization (*view credential*)

Feb 2025 – May 2025

Coursera (Stanford University & DeepLearning.AI)

Online