AMRITESHWAR PANDEY

Bhopal, MP, India

+91 [7880684842] · amriteshwarpandey259@gmail.com · linkedin.com/in/amriteshwar-p ·
github.com/amriteshwarpandey

SUMMARY

Computer Science student specializing in Health Informatics with a strong foundation in Python, data analysis, and software development principles. Proven ability to leverage technology to solve complex problems, demonstrated through hands-on projects in data processing and automation. Seeking a challenging internship to apply and enhance skills in software engineering or data analytics within the healthcare technology sector.

EDUCATION

- **Vellore Institute of Technology (VIT)**   Bhopal, MP
  Bachelor of Technology in Computer Science Engineering (Spec. in Health Informatics) Expected May 2027

    - CGPA: [8.52]/10.0
    - Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Introduction to Health Informatics.

- **Lady Anusuiya Singhania Educational Academy**   Jhalawar,Rajasthan
  CBSE Class XII

    - Percentage: 82

TECHNICAL SKILLS

- **Languages:** Python, C++, SQL

- **Libraries/Frameworks:** Pandas, NumPy, Matplotlib, Scikit-learn (Basic)

- **Tools & Technologies:** Git, GitHub, VS Code, Jupyter Notebook, Microsoft Excel

- **Databases:** MySQL (Basic)

PROJECTS

- **Heart Disease Prediction Model**   GitHub Link
  Python, Scikit-learn, Pandas, Matplotlib, Jupyter Notebook

    - Developed a predictive machine learning model to classify the risk of heart disease with **85% accuracy** using a public health dataset of over 300 patients.
    - Performed extensive Exploratory Data Analysis (EDA) to identify key predictors and visualized data trends using Matplotlib and Seaborn.
    - Engineered features and trained a Logistic Regression model, demonstrating proficiency in the end-to-end data science project lifecycle.

- **Healthcare Provider Website**   GitHub Link
  HTML, CSS, JavaScript

- Designed and developed a responsive, multi-page static website for a conceptual healthcare provider to establish a professional online presence.
- Implemented a clean and intuitive user interface featuring pages for services, company information, and user contact forms.
- Structured the front-end code for maintainability and ensured cross-browser compatibility for a seamless user experience.

- **Library Management System Database** GitHub Link
  SQL, MySQL

  - Architected and implemented a relational database schema in SQL to manage a library's books, members, and lending transactions.
  - Authored complex SQL queries, including joins and subqueries, to handle core CRUD (Create, Read, Update, Delete) operations efficiently.
  - Designed the system to ensure data integrity and normalization, optimizing data retrieval and system performance.

CERTIFICATIONS

- **Python Development Program** - Cognizify Technologies

- **The Bits and Bytes of Computer Networking** - Coursera

- **Microsoft Excel for Data Analysis** - Udemy

- **C++ Essentials** - Scaler

- **Meta Small Business Academy (Facebook, Instagram, Whatsapp)** - Meta