Kunal Dev

Bachelor of Technology
in Computer Science Engineering
Vellore Institute of Technology ,Bhopal

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Vellore Institute of Technology,Bhopal	7.34(Ongoing)	2022-2026
Senior Secondary	Holy Mission Senior Secondary School,CBSE	75%	2022
Secondary	Holy Mission Senior Secondary School,CBSE	71%	2020

PROJECTS

- **Movie Recommendation System** *Mar 2024 - May 2024*
  Team Project | Tools:Python, Pandas, NumPy, Scikit-learn **Movie-Recommendation-System.git**
  - Co-developed a content-based movie recommendation engine that analyzes plot descriptions, genres, cast, and crew data to suggest similar titles.
  - Orchestrated data collection and preprocessing workflows—handled missing values, tokenization, stop-word removal, and vectorization—to create robust feature matrices.
  - Optimized model performance and response time by refining similarity threshold parameters and leveraging efficient data structures.

- **Diabetes Prediction Using Machine Learning** *Aug 2023- Oct 2023*
  Team Project | Tools: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn **Diabetes-Prediction-Using-Machine-Learning.git**
  - Collaboratively developed a supervised learning model to predict diabetes based on medical attributes using a structured dataset.
  - Conducted extensive data preprocessing, including handling missing values and exploratory data analysis (EDA) to identify trends and correlations.
  - Applied classification algorithms such as Logistic Regression and evaluated model performance using metrics like accuracy and confusion matrix.
  - Visualized feature distributions and model insights using Matplotlib and Seaborn to support interpretability and explainability.

- **My Portfolio WebSit** *Mar 2025 - Apr 2025*
  Tool: HTML5, CSS3, JavaScript, **My-portfolio**
  - Designed and developed a fully responsive personal portfolio from scratch, showcasing my skills, education timeline, services, and contact form.
  - Crafted a clean, modern UI with CSS Grid/Flexbox, custom animations, and media queries to ensure a seamless experience across desktop and mobile devices.
  - Integrated interactive features: scroll-activated section highlighting, a fixed header with toggleable menu for smaller viewports, and smooth scroll behavior.

TECHNICAL SKILLS

- **Programming Languages**: C++, Python, Java, SQL,HTML, CSS , JavaScript
- **Technologies::** Matplotlib, Seaborn, Pandas, NumPy
- **Tools**: Git/GitHub, Jupyter, Linux, Docker

CERTIFICATIONS

- **IBM**,Cyber Security *Jan 2025*
- **NPTEL(IIT Kharagpur)**,Cloud Computing *April 2024*
- **Coursera**,Bits and Bytes Computer Network *Dec 2023*

POSITIONS OF RESPONSIBILITY

- **Core Member**,GSOC Innovators Club, VIT Bhopal *Jan 2025*
- **Runner-up**,GeeksforGeeks Hackathon *Nov2024*

ADDITIONAL INFORMATION

- **Hobbies** , Playing Cricket, football, Reading Books
- **Languages** ,English, Hindi