PRANAV JINDAL

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Education

VIT Bhopal University   May 2021-May 2025
Bachelor of Technology in Computer Science and Engineering (CGPA: 8.12/10)   *Bhopal, Madhya Pradesh, India*

Technical Skills

Languages: Python, C++, C, JavaScript, SQL

Technologies: MERN Stack, NumPy, Pandas, Matplotlib, Seaborn

Concepts: Data Structures and Algorithms, Algorithm Design and Analysis, Machine Learning, Data Analytics, Object-Oriented Programming, Database Management Systems (DBMS), Computer Networks, Operating Systems

Certification

- AWS Certified Cloud Practitioner, 2024
- Frontend Professional Certificate, Meta, 2024
- MERN Full Stack Internship Program, Ethnus, 2023

Projects

Customer Churn Prediction using ML | *Python, Pandas, NumPy, Matplotlib, Seaborn*
- Developed a customer churn prediction model, handling missing values and class imbalance using SMOTE.
- Performed exploratory data analysis (EDA) to identify key churn factors and prepare data for modeling.
- Implemented machine learning algorithms (Logistic Regression, Random Forest, XGBoost) for churn prediction.
- Optimized model performance using accuracy, precision, recall, and F1-score metrics.

HealthSync-Digital Hospital [Ongoing] | *ReactJS, Flask, MongoDB, Jitsi*
- Designed and developed the user interface with live video consultations using Jitsi.
- Collaborated on appointment scheduling and e-pharmacy modules.
- Integrated multiple services, ensuring real-time communication and data security.
- Added features like appointment scheduling, disease prediction, chatbot, and Stripe-based e-wallet.

Experience

SVGS IT Solutions   May 2024 – Nov 2024
Software Development Intern   *Greater Noida, Uttar Pradesh*
- Developed machine learning models for data solutions, including data preprocessing, feature engineering, and model evaluation.
- Collaborated with cross-functional teams to implement data pipelines and integrate machine learning algorithms into production.
- Optimized existing code for improved performance and scalability using Python, NumPy, and Scikit-learn.
- Contributed to developing data visualization tools and dashboards for reporting insights and model outcomes.

Debug Solutions   Feb 2024 – Apr 2024
Frontend Developer Intern   *Remote*
- Designed and implemented responsive user interfaces using HTML, CSS, and JavaScript to improve user experience.
- Collaborated with the UI/UX team to ensure consistent design and functionality across multiple web platforms.
- Optimized web pages for faster load times and better performance using modern front-end development tools.
- Integrated APIs and third-party services into front-end applications to enhance interactivity and functionality.

Achievements

- Solved over 1000 DSA problems across various platforms.
- Completed 100 days of Coding challenge in DSA on Leetcode   Leetcode
- Institute rank 1 on GFG   GFG
- HackerRank 5 Star in Python, 3 Star in C++   HackerRank

Extra-Curricular

- Anchored and organized 10+ Data Science Club events as Co-Lead (Event Team) at VIT Bhopal University, collaborating with a team of 5 for seamless execution, resulting in a 30% increase in member engagement (Jun 2023 – Jun 2024).
- Advocated for student interests and provided input during school council meetings as Head Boy in 2021, contributing to developing 5 student-centric policies and initiatives.
- Planned and executed house participation in the annual Sports Day as House Captain in 2019, leading a team of 50 students to achieve 1st place overall, fostering unity and sportsmanship.