Fardeen Khan

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EDUCATION

KCMT Campus-2 Bareilly, India

Bachelor of Technology in Computer Science; CGPA: 6.80 **June 2021 - Present**

SKILLS SUMMARY

- **Languages**: Python, HTML/CSS
- **Frameworks**: Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn
- **Tools**: Excel, PowerPoint
- **Platforms**: Visual Studio Code
- **Soft Skills**: Strong Stakeholder Management, People Management, Excellent Communication

WORK EXPERIENCE

Artificial Intelligence and Data Analytics Intern | Online | LINK **December 2024- January 2025**

Shell India Markets Pvt. Ltd. & Edunet Foundation (AICTE-approved Internship)

- Built and evaluated AI/ML models using supervised learning algorithms, achieving up to 88% accuracy on real-time datasets.
- Enhanced feature engineering and data cleaning workflows, reducing model training time by 25%.
- Collaborated on a sustainability-focused predictive analytics project aligned with UN SDGs, increasing model precision by 20%.
- Utilized Python (Scikit-learn, Pandas, Matplotlib) to perform end-to-end data analysis and visualization, improving decision insights by 35%.

AIML and Data Science Internship | Online | LINK **March 2025 – May 2025**

Ybi Foundation

- Implemented a machine learning model that increased click-through rates by 20% in a marketing campaign.
- Optimized a data pipeline, resulting in a 30% reduction in processing time and a 25% decrease in data storage costs.
- Conducted exploratory data analysis (EDA) on real-world datasets, identifying key trends and insights that contributed to 20% more effective business decisions in capstone project.
- Delivered presentations and visualizations using Matplotlib and Seaborn, enhancing stakeholder understanding and increasing engagement by 30.

PROJECTS

Heart Disease Prediction | LINK **July 24- August 2024**

- Developed and applied a machine learning model to predict heart disease with 87% accuracy, achieving a 20% improvement over the baseline model.
- Utilized Python and scikit-learn to preprocess and analyze datasets, including handling missing values and outliers to improve model performance by 10%.
- Leveraged Python and scikit-learn to conduct in-depth feature engineering, increasing model F1-score by 9% and identified three key features that drove most accurate heart disease predictions.

Student Performance Prediction | LINK **September 2024- November 2024**

- Achieved a 95% accuracy rate in forecasting student academic performance in developing and deploying a machine learning model.
- Streamlined the student registration process, reducing registration time by 30 minutes per student and freeing up administrative staff to focus on other tasks.
- Led a professional development workshop for teachers, resulting in a 20% increase in teacher satisfaction and improved classroom management skills.
- Enforced feature selection techniques to improve model performance by 12% over baseline.

CERTIFICATES

Career Essential in Data Analysis (Microsoft and LinkedIn) | CERTIFICATE **September 2024**

- Completed foundational training in data analysis, including Excel, Power BI, and data visualization techniques.
- Gained practical skills in data cleaning, exploratory data analysis, and interpreting business insights.

Fundamental AI and Data Skills (Ybi Foundation) | CERTIFICATE **February 2024**

- Completed foundational training in artificial intelligence, machine learning, and data literacy.
- Gained practical exposure to AI applications, basic coding concepts, and ethical considerations in data use.