

# Dabid Parveez Khan

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## Professional Summary

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Aspiring Data Scientist and Analyst with strong expertise in Python, SQL, and machine learning. Experienced in developing predictive models, regression analyses, and web-based applications to deliver actionable insights. Proficient in data preprocessing, feature engineering, and data visualization, with a focus on leveraging AI to solve real-world problems. Passionate about building scalable solutions and advancing innovative technologies.

## Education

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**Bachelor of Computer Applications (BCA), 5th Semester**  
*Srinagar*

*University of Kashmir,*  
2023 – 2026

- Roll Number: 53
- Relevant Coursework: Python Programming, SQL, Data Structures, Database Management

## Experience

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**Python Developer (Internship)** *Immortal Software Solutions, Bangalore, Karnataka* Feb 2022 – May 2022

- Developed an Instagram scraping tool using Playwright and Flask to extract profile and post data (followers, likes, comments, hashtags, captions).
- Implemented NumPy for data processing and built a dashboard using HTML, CSS, and JavaScript to visualize collected data.
- Automated web scraping, handled dynamic content, and ensured efficient data collection with robust error handling.
- Gained hands-on experience in full-stack development, including backend scraping, data processing, and frontend dashboard creation.
- Worked on Google Cloud Platform (GCP) for deployment, setting up cloud services and managing environments.
- Trained and evaluated a Random Forest Classifier for optimal performance, focusing on explainability through feature importance plots.
- Technologies Used: Python, NumPy, Pandas, Matplotlib, Streamlit, Plotly, Scikit-learn, Joblib, Seaborn, GitHub
- Project: [Breast Cancer Prediction](#)

## Projects

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### Portfolio Website

Jul 2024 – Apr 2025

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.
- Implemented interactive features like smooth scrolling, modals, and hover effects for enhanced user experience.
- Ensured mobile compatibility and cross-browser functionality, deployed via GitHub Pages.
- Technologies Used: HTML, CSS, JavaScript, Git, GitHub Pages
- Project: [Portfolio Website](#)

## Certifications

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- Unsupervised Learning, Recommenders, Reinforcement Learning, Coursera
- Advanced Learning Algorithms, Coursera
- Supervised Machine Learning: Regression and Classification, Coursera
- **100 Days of Code: The Complete Python Pro Bootcamp by Angela Yu, Udemy, 2025**
- Professional Diploma in Python Development, Udemy (In Progress)
- Fundamental Course of Data Architecture 2.0, Udemy
- Advanced Learning Algorithms for Machine Engineers, Analytics Vidhya
- Advanced Excel Course, LearnMarkets
- CSS, Bootstrap, and JavaScript and Python Stack Course, Udemy
- Google Badges: Analyzing and Visualizing Data in Looker, Introduction to Data Analytics, Introduction to General Machine Learning, Introduction to Large Language Models, Introduction to Responsible AI, Professional Machine Learning Engineer Study Guide

## Skills

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- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Scikit-learn), C, C++ (Data Structures), SQL (Query Design, Optimization), HTML, CSS, JavaScript
- **Data Science & Machine Learning:** Linear Regression, Decision Trees, Random Forest, SVM, Data Visualization, Data Preprocessing, Feature Engineering
- **Artificial Intelligence & NLP:** TF-IDF, Text Processing, Model Explainability

- **Database Management:** Relational Databases (MySQL, PostgreSQL), Database Design
- **Technical Tools:** Jupyter Notebook, Git, GitHub, Docker, VS Code, Google Cloud Platform (BigQuery, Looker), Excel, Streamlit, Plotly, Dash