



Farhan Khan Pathan

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Programming & Databases: Python, SQL, Java, RDBMS
Data Visualization & Analytics: Tableau, Power BI, Excel, MATLAB
Tools & Platforms: Jira Software, PyMol, Proteus, Tinker CAD, Arduino IDE
Methodologies: Agile, Waterfall, Rapid Application Development
Technical Documentation: BRD, FSD, Test Cases, Effort Estimation
Certifications: Tableau Training, Simplilearn, (Oct 2022)
Master data Analytics in SQL and Excel, Great Learning, (Sep 2022)

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B.Tech (BOE)	May 2019 – Aug 2023	Vellore Institute of Technology	8.17/10
Class XII	May 2019	Govt. B. H. S. S. Pathari, Vidisha, M.P.	91.20%
Class X	May 2017	Govt. B. H. S. S. Pathari, Vidisha, M.P.	91.16%

EXPERIENCES	
Zucol Group	<ul style="list-style-type: none">▪ Management Researcher Expert (Technical Academic Content Writer) (Sep 2024 – Present); <i>Full Time:</i><ul style="list-style-type: none">• Developed well-structured, research-based academic and technical writing in AI, education, and technology fields.• Formulated tutorials, guides, case studies, and whitepapers with Python for code snippets and SPSS for data analytics.• Crafted interesting visuals and infographics with Canva and Figma to improve content readability.• Compiled reports and presentations with MS PowerPoint and MS Excel for effective information transfer.• Worked with cross-functional teams to meet academic quality and product objectives.
Psyliq	<ul style="list-style-type: none">▪ Data Analyst Intern (Sep 2023 – Oct 2023); <i>Remote:</i><ul style="list-style-type: none">• HR and Employee Data analyzed using Power BI and Excel, determining trends to optimize workforce.• Trained Diabetes Prediction Model with Python, resulting in 85% accuracy in risk forecasting.
Analytics Vidhya	<ul style="list-style-type: none">▪ Data Analytics Intern (Jul 2022 – Aug 2022); <i>Remote:</i><ul style="list-style-type: none">• Built customer churn prediction models, eliminating churn rates by 12% utilizing logistic regression.• Improved NYC taxi trip time prediction models, increasing accuracy by 18% with feature engineering.
Un school	<ul style="list-style-type: none">▪ Youth Influencer and Marketing Executive Intern (Nov 2021 – Dec 2021); <i>Remote:</i><ul style="list-style-type: none">• Directed branding campaigns, boosting engagement by 20%.• Executed market research, improving the company's strategic positioning.

ACADEMIC PROJECTS	
Deep Learning Based Project	<ul style="list-style-type: none">▪ Breast Cancer Detection Model By using Deep Learning (Aug 2022–Oct 2022)▪ Tech Stack: <i>HTML, Python (Pandas, Matplotlib, Seaborn and Scikit-Learn), MATLAB, TensorFlow</i><ul style="list-style-type: none">• Designed an advanced AI model using deep learning for precise breast cancer identification, achieving a notable 96% accuracy.• Utilized Python (Pandas, Matplotlib, Seaborn, Scikit-Learn), MATLAB, and TensorFlow, emphasizing innovative technology in medical diagnostics for early detection and treatment.• Link and Results: https://bit.ly/Farhan341
Data Analysis and Visualization Based Project	<ul style="list-style-type: none">▪ Bike-Rental-Prediction (Revolutionizing Urban Mobility) (Sep 2023 – Oct 2023)▪ Tech Stack: <i>Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, JIRA, GridSearchCV, GitHub</i><ul style="list-style-type: none">• Predicted bike rentals in Washington, D.C. using Random Forest.• Rejected Linear Regression; validated Random Forest's superior accuracy.• Optimized model, concluding Random Forest as optimal for predictions. <p>Link and Results: https://drive.google.com/file/d/1HllrSyD38Q9ouKrFCSmSRy1XTG9ql-aH/view</p>

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">• Secured a prestigious 100% scholarship for B.Tech through the esteemed 'STARS Scheme'• Received the 'INSPIRE Scholarship Award' for ranking in the top 1% of the 12th board examination (Jun 2019)• Earned the "Award of Excellence in Education" from the "National Human Rights Protection Assembly" in consecutive years from 2016 to 2020• Awarded the 'Merit Cum Means Scholarship by the Ministry of Minority Affairs' for the years spanning from 2016 to 2022
Responsibilities	<ul style="list-style-type: none">• Dedicated service as a Volunteer and Core Committee Member for the 'RABVIT 2.0' Symposium at VIT Bhopal University, actively contributing from April to May 2022• Took the lead in the Yoga Club and Sports Club at VIT Bhopal University (Aug 2019 - Oct 2022)• Worked as a Campus Ambassador Intern at "IIT Delhi" during the tech fest 'Tryst 2020'
Extracurriculars	<ul style="list-style-type: none">• Obtained honors in the "Second National Quiz Competition" for merit (May 2020)• Demonstrated coding excellence on Leet Code and Coding Ninjas, displaying exceptional skills

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none">• Passionate about music, adept in badminton and cricket, and skilled in Urdu and Hindi poetry writing
Languages	<ul style="list-style-type: none">• Hindi, English