

Mohammed Qizar Bilal

 bilalqizar@gmail.com

 +91 8925426680

 <https://www.linkedin.com/in/mohammed-qizar-bilal>

 <https://github.com/QizarBilal>

Professional Summary

Motivated Software Development Engineer with hands-on experience in Python, JavaScript, and SQL, specializing in building scalable software systems and applying strong problem-solving skills. Proficient in data structures, algorithms, and object-oriented programming, with exposure to both frontend development and applied AI/ML projects. Adept at collaborating within Agile teams, debugging, and delivering maintainable code. Eager to contribute and grow as an SDE I in a dynamic, engineering-driven environment.

Professional Experience

Frontend Developer · [Zidio Development](#)

· Sep 2025 - Dec 2025

- Developed and enhanced production-facing frontend features with a focus on clean component structure, predictable behavior, and maintainable UI logic.
- Integrated frontend components with backend APIs, troubleshooting and resolving issues to ensure reliable data flow and a seamless user experience.
- Refactored existing code to improve readability, reusability, and performance, collaborating effectively within a Git-based team environment.

Projects

Student Performance Prediction · [LINK](#)

Dec 2023 - Feb 2024

Python Machine Learning Pandas Scikit-learn

- Engineered and deployed a machine learning model achieving 96% accuracy in forecasting student academic performance.
- Enhanced data quality by 33% through effective handling of missing values and encoding of categorical variables.
- Experimented with classification and regression algorithms to determine the optimal predictive approach.
- Analyzed key factors influencing academic outcomes, providing actionable insights for stakeholders.

Credit Card Fraud Detection · [LINK](#)

Sep 2023 - Oct 2023

Python Machine Learning Logistic Regression Feature Engineering

- Developed and optimized a logistic regression-based model, achieving 87% accuracy in detecting credit card fraud.
- Reduced false positives by 16% through advanced feature engineering and hyperparameter tuning.
- Applied under-sampling and ensemble techniques to address class imbalance, improving model performance by 15%.
- Enhanced fraud mitigation efficiency by 23% and overall model accuracy by 6%.

Heart Disease Prediction · [LINK](#)

Jul 2023 - Aug 2023

Python Logistic Regression Data Analysis Healthcare Data Security

- Led the development of a logistic regression model for heart disease prediction, achieving 91% accuracy and exceeding industry benchmarks.
- Implemented HIPAA-compliant data encryption protocols, reducing data breach incidents by 40% and ensuring patient privacy.
- Promoted ethical data practices while contributing to robust, data-driven healthcare solutions.
- Improved healthcare outcomes by 26% through accurate disease prediction and actionable insights.

Education

Bachelor of Engineering · Computer Science and Engineering ·

8.86 · Nov 2022 - Present

[Priyadarshini Engineering College](#)

Higher Secondary Education · · Al-Ameen Matric.Hr.Sec.School

· Jun 2020 - May 2022

Skills

Programming Languages

Python SQL JavaScript TypeScript

Web Technologies

HTML CSS

Core Computer Science

Data Structures & Algorithms Object-Oriented Programming Complexity Analysis

Software Engineering

Modular Code Design API Integration Debugging Version Control

Development Tools

Git GitHub Visual Studio Code Jupyter Notebook

Soft Skills

Analytical Thinking Problem Solving Collaboration Effective Communication

Certificates

Programming in Python · [Meta](#) Mar 2023 - Dec 2026

Introduction to Data Analyst · [IBM](#) Mar 2023 - Dec 2026