

# SHAHNAWAZ AKHTAR

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I care a lot about Full-Stack Development, focusing on clean code, architecture design, and Agile development.

## EDUCATION

### Rajiv Gandhi Proudyogiki Vishwavidyalaya

Bachelor in Computer Science and Engineering; CGPA: 7.05

### Jamia Millia Islamia

Diploma in Computer Engineering; CGPA: 7.46

Madhya Pradesh, India

May 2023 - Pursuing

New Delhi, India

December 2019 – December 2022

## SKILLS SUMMARY

- Languages:** C++, JavaScript, Python
- Frameworks & Libraries:** Node.js, ReactJS, ExpressJS, FastAPI, Pandas, NumPy, Scikit-Learn
- Databases:** MySQL, MongoDB
- Web Development:** HTML5, CSS, Tailwind CSS, RESTful APIs
- Cloud Platforms:** GCP, IBM Cloud
- Tools & Platforms:** Jupyter Notebook, Git & GitHub, PyTest, Docker

## INTERNSHIP

### AI & ML Intern | Infosys Springboard

May 2024 - Jul 2024 (Remote, India)

Project: Multi-Class Obesity Risk Prediction System

- Developed an interactive Streamlit web app for real-time prediction, enhancing usability for non-technical users.
- Implemented end-to-end ML pipeline: data cleaning, normalization, feature engineering, and model training using **Pandas**, **NumPy**, **Scikit-Learn**, and **PyCaret**.

## PROJECTS

### University Management System | Java, MySQL

January 2021 - December 2022

**Role:** Team Lead

- Led a team of 5 in the development of a **desktop application** for administrative and academic processes, including student management, course scheduling, attendance tracking, and financial operations

### Animation UI | HTML, CSS, JavaScript, React JS

Feb 2025 – Mar 2025

Personal Project

- Built interactive UI clone using React.js, GSAP, and Locomotive Scroll, improving animation smoothness and performance.

### Fraud Transaction Detection API | Python, FastAPI, React, Scikit-Learn, Docker

Oct 2025 – Present

Personal Project

- Built an end-to-end fraud detection system using ML models (XGBoost/Isolation Forest) with real-time risk scoring through a FastAPI backend
- Built responsive UI with React, real-time API consumption, and data visualization for fraud insights

## EXTRACURRICULAR ACTIVITIES

### Hackathon:

Amazon ML challenge 2025, Tata Imagination Challenge 2024, Datahack 3.0

## CERTIFICATIONS AND BADGES

Short-term training program on AI and ML | Jamia Millia Islamia

June 2023 – July 2023

Artificial Intelligence Primer Certifications | Infosys- Springboard

Feb 17, 2024

Achieve Arcade Legend Tier | Google Cloud Platform (Arcade 2025 Cohort Program)

Jan 2025-Jun 2025