

Arun Kumar Pradhan

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OBJECTIVE

Aspiring MCA student with hands-on experience in Python, Flask, and REST APIs, seeking an entry-level IT role to build scalable applications and ensure software quality through testing and problem-solving.

EDUCATION

Maulana Abul Kalam Azad University Of Technology

Master Of Computer Applications

NA

Dec. 2025 – Present

Prabhat Kumar College

Bachelor Of Computer Applications

CGPA:7.65

Aug. 2022 – Sep 2025

PROJECTS

Instachat - Real-Time Chat Application | *Python, Flask, JavaScript, SQLite* | GitHub

Sep 2025 – Dec 2025

- Developed a web-based chat application enabling real-time communication between users
- Designed and integrated RESTful APIs for efficient frontend-backend communication
- Implemented user authentication (login/signup) and session management
- Performed functional testing and created test scenarios for login and messaging features

Business Intelligence Dashboard | *Python, Pandas, Matplotlib/Plotly, Gemini, Git* | GitHub

Feb 2026 – Present

- Built an interactive dashboard to visualize and analyze datasets
- Implemented charts and key metrics to support data-driven decision-making
- Conducted data validation and tested multiple input scenarios for accuracy
- Processed and transformed raw data using Python for meaningful insights

TECHNICAL SKILLS

Programming Languages: Java(Intermediate), Python(Intermediate), C/C++(Basic)

Backend and APIs: Flask, RESTful API Development, API Testing

Web Technologies: HTML, CSS, JavaScript, React (Basic)

Developer Tools: Git, Postman, GitHub, Google Cloud Platform, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma (Basic)

Database: PostgreSQL (Basic), SQLite

Software Testing: Manual Testing, Test Case Design, Bug Tracking, API Testing (Postman), SDLC, STLC

ACHIEVEMENTS

- Secured Rank 113 in WBJECA (West Bengal Joint Entrance for MCA), demonstrating strong analytical and problem-solving skills
- Built multiple academic and personal projects using Python and Flask
- Actively improving problem-solving and software testing skills