ARSHAD BAVA M

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SUMMARY

MCA student at Pondicherry University with strong foundations in full-stack development. Skilled in React, Django, JavaScript, SQL, and REST APIs, with hands-on experience building practical web applications. Seeking a 6-month curriculum-based Software Development Internship to apply technical skills, contribute to real-world projects, and grow as a full-stack developer.

TECHNICAL SKILLS

Programming Languages: Python • JavaScript • SQL • C / C++ • R

Web Frameworks & Technologies: Django • React.js • REST APIs • HTML5 • CSS3 • Bootstrap

Data & Automation Tools NumPy • Pandas • Scikit-learn • BeautifulSoup

Databases: MySQL,PostgreSQL

Developer Tools: Version Control (Git) • GitHub • VS Code

Core CS Concepts: Data Structures & Algorithms • Object-Oriented Programming (OOP) • API Integration

Soft Skills: Problem-Solving • Team Collaboration • Communication • Adaptability • Quick Learner • Mentorship

PROJECTS

AskPU: An Intelligent Multilingual AI Chatbot | Github Repo   **July 2025 - Nov 2025**

- Developed a full-stack multilingual AI chatbot (Ask PU) using Python, Django REST Framework, React.js, and PostgreSQL for 24/7 information services at Pondicherry University.
- Implemented a hybrid AI architecture integrating Google Gemini 2.5 Flash API with a custom RAG system for accurate, context-aware responses.
- Built a React frontend with speech-to-text, text-to-speech, and smart follow-up suggestions to improve accessibility and user experience.
- Handled end-to-end development, including system architecture, API integration, and version control using Git and GitHub.

WORK EXPERIENCE

Tata Group Data Analytics Job Simulation on Forage   **Nov 2025**

- Completed an AI-powered data analytics simulation with Tata iQ, focusing on financial risk analysis and strategy development.
- Performed EDA using GenAI tools to evaluate data quality and identify key risk indicators.
- Proposed a no-code predictive modeling framework to assess customer delinquency risk.
- Designed an AI-driven collections strategy using agentic automation, aligned with ethical AI and regulatory standards.

EDUCATION

Master of Computer Applications (MCA)   **July 2024 - May 2026 (Expected)**
Pondicherry University, Puducherry

- Relevant Coursework: Data Structures and Algorithms, AdvancedWeb Technologies, Database Management, Systems, Object-Oriented Programming, Software Engineering, Cloud Computing.

Bachelor of Science in Mathematics   **Sep 2021 - March 2024**
University of Calicut, Kerala

- Relevant Coursework: Linear Algebra, Calculus, Statistics and Probability, Discrete Mathematics.

CERTIFICATIONS

- **Tata - GenAI Powered Data Analytics Job Simulation -** Forage
- **Foundation of R Software -** Indian Institute of Technology, Kanpur (NPTEL)
- **The Joy Computing Using Python -** Indian Institute of Technology, Madras (NPTEL)
- **Prompt Engineering (One Million Prompters)** - Dubai Future Foundation, Dubai Center for Artificial Intelligence
- **Overview of Global Navigation Satellite Systems (GNSS)**- ISRO IIRS
- **C Programming** - Sololearn
- **HTML** - Sololearn