ARMAN SHAIKH R

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PROFILE

I'm an MSc Computer Science graduate with practical experience in data analysis, SQL, Python, Power BI, and Streamlit. I love turning raw data into real insights, automating what others avoid, and building dashboards that actually get used. I'm actively seeking an opportunity to contribute to a data-driven team where I can apply my skills, grow continuously, and make a meaningful impact from day one.

EDUCATION

Master of Computer Science
Periyar University, Salem
Relevant Coursework: Data Analytics, Cloud Computing, Network Security, DIP

Jul 2023 – Jun 2025
First Class with Distinction

Bachelor of Computer Science
Periyar University, Salem
Key Subjects: Java, RDBMS, Data Structures & Algorithms (DSA), GUI Design, Project Management

Sep 2020 – Jun 2023
First Class with Distinction

PROFESSIONAL EXPERIENCE

Data Science Intern – YBI Foundation
Remote | Aug 2024- Sept 2024
- Developed end-to-end ML models: Movie Recommendation System (90%+ satisfaction) and Fraud Detection (95% accuracy) using Scikit-learn
- Preprocessed large datasets using Pandas, NumPy, SQL, improving data pipeline efficiency by 25%
- Conducted Exploratory Data Analysis (EDA) and built visual dashboards using Matplotlib, Seaborn to drive actionable insights and KPI reporting

Technical Blogger – Code With Curious
Remote | May 2023 – Present
- Authored 10+ technical blogs on resume builders, analytics dashboards, and exam platforms; increased site engagement by 35%
- Wrote step-by-step tutorials with Python/Java code, SQL schema designs, and visual data insights
- Simplified complex systems into reader-friendly, SEO-optimized content for developers and non-tech readers alike

PROJECT HIGHLIGHTS

Customer Churn Prediction System 🔗
Independent Capstone | Oct 2024 – Apr 2025
- Built a full-stack churn prediction system using XGBoost, SHAP explainability, achieving 86% AUC with recall-priority tuning
- Deployed model via FastAPI with Docker, achieving 50+ req/sec throughput; implemented logging and caching for speed optimization
- Designed an interactive Streamlit dashboard to visualize churn risk, EDA metrics, and customer segmentation insights

SmartHealth AI – Medical Summary Generator 🔗
Startup Prototype | Apr 2024 – Dec 2024
- Developed an NLP-driven system to auto-generate clinical summaries from patient symptoms using hybrid rule-based + ML logic
- Integrated features: PDF report export, interactive symptom checker, diagnosis flowcharts to assist healthcare decision-making
- Enabled AI-based summary generation with 92% clinical relevance, improving access for non-technical users

SKILLS OVERVIEW

- Languages: Python, SQL, Java (Basics)
- Data Viz: Tableau, Power BI, Excel
- Tools: Jupyter, GitHub, Streamlit, VS Code, MySQL, PostgreSQL
- Core: EDA, Data Cleaning, KPIs, Feature Engineering, CSV/Excel Integration
- Analytical Thinking, Problem Solving, Communication, Teamwork, Multilingual

CERTIFICATIONS

- Data Analysis with Python – freeCodeCamp
- Prompt Engineering – Infosys Springboard
- Kotlin Workshop – Android Dev, ICITRI (2024)
- Full Stack Web Dev – Edunet Foundation

ACHIEVEMENTS

- Mentored 20+ peers on AI projects, resumes, and interviews, leading to successful internship placements and improved project outcomes
- Delivered sessions at Kotlin workshops, ICITRI conference, and placement seminars on Android, IoT, and career readiness topics
- Participated in multiple hackathons and led national-level symposium coordination, consistently recognized for innovation and collaboration