SHASHANK RAMAN
Software Engineer

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EDUCATION
B.Tech in Computer Science, VIT Bhopal — 2022 – 2026

CERTIFICATIONS
- Applied Machine Learning in Python – Coursera (Dec 2023)
- Data Structures & Algorithms – Scholar (July 2023)

TECHNICAL SKILLS
- Languages: Python, Java, SQL
- Tools & Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, SQL, Power BI, Selenium
- Data Analytics: Data Cleaning, Web Scraping, EDA, Dashboarding, KPIs
- Software/Cloud: Git, GitHub, HTML, CSS, AWS (Basic EC2/S3), Excel
- Soft Skills: Teamwork, Time Management, Technical Documentation

EXPERIENCE
Artificial Intelligence Intern – Evoastra Ventures Inc [Remote]
February 2025 – April 2025
- Contributed to AI/ML projects including model development, data analysis, and optimization.
- Collaborated with cross-functional teams to support and deliver AI-driven solutions.
- Documented model pipelines and communicated insights.

PROJECTS
Stock Market Sentiment Analysis
- Predicted market volatility using sentiment data from Reddit's WallStreetBets; achieved 89% accuracy.
- Handled scraping, cleaning, EDA, feature engineering, and model training (Logistic Regression, Random Forest, SVM, LSTM).

Power BI Sales Dashboard
- Built an interactive Power BI dashboard to analyze sales trends, customer retention, and product performance.
- Connected multiple data sources (CSV + SQL), designed filters, KPIs, and drill-down visuals.

Multimodal Biometric Authenticator
- Built a two-factor biometric system using face (CNN) and voice (MFCC + LSTM) recognition.
- Used OpenCV for real-time face detection and LSTM models for speaker identification.
- Combined modalities to enhance security and reduce spoofing risks.

ADDITIONAL
Languages: Fluent in Hindi, English; Conversational in Gujarati
Interests: Data Visualization, Social Impact through Data, Market Trends Analysis