RAVI KUMAR VISHWAKARMA

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EDUCATION

AKS University   Satna, Madhya Pradesh
Bachelor of Technology in Computer Science & Engineering; Minor in Mathematics   *Expected 2029*
- **Relevant Coursework:** Machine Learning, Artificial Intelligence, Data Analytics, Data Visualization, Data Science, Software Engineering, Web Development, Deep Learning (TensorFlow, PyTorch)

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL, MATLAB, JavaScript
Data Science & ML: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Machine Learning Algorithms
Data Analytics & Visualization: Power BI, Matplotlib, Seaborn, DAX, Power Query, Statistical Analysis
Databases & Tools: SQL, SQLite, Git, GitHub, Jupyter Notebook, VS Code, ETL Pipelines
Web Technologies: HTML5, CSS3, JavaScript, RESTful APIs, Frontend Development
Core Competencies: Data Mining, Predictive Modeling, A/B Testing, Business Intelligence, Data Storytelling

DATA ANALYTICS EXPERIENCE

Data Analyst Intern   Oct 2025 – Nov 2025
Future Intern   *Remote*
- Developed interactive Power BI dashboards analyzing e-commerce sales patterns and social media campaigns using DAX calculations and Power Query transformations, enabling 40% faster data-driven decision-making
- Performed statistical analysis on 10,000+ customer records to identify purchasing trends and optimize marketing strategies, resulting in actionable business insights
- Automated data visualization workflows reducing manual reporting time by 60% through ETL process optimization

Data Analyst Intern   2025
Cognizant Technology Solutions   *Remote*
- Built comprehensive student performance analytics dashboard using Power BI with predictive modeling capabilities, tracking 500+ student metrics and identifying at-risk populations with 85% accuracy
- Engineered data pipeline processing 50,000+ records with advanced data cleaning and transformation techniques, ensuring 99% data quality and integrity

DATA SCIENCE PROJECTS

E-Commerce Sales Analytics & Forecasting System   Oct 2025
Data Science & Business Intelligence Project
- Engineered end-to-end analytics solution using Power BI, Python, and statistical methods to analyze 10,000+ transactions, identifying key revenue drivers and customer segmentation patterns with 92% prediction accuracy
- Implemented ETL pipeline with Power Query processing 50,000+ rows of raw data, applying data cleaning and feature engineering techniques to generate reliable KPIs and business metrics
- Automated predictive reporting dashboard reducing stakeholder analysis time by 70%, delivering real-time insights on sales trends, customer lifetime value, and product performance

Alumni Engagement & Data Management Platform   Sep 2025
Full-Stack Data Application
- Architected scalable web application using HTML5, CSS3, and JavaScript with SQL database managing 1,000+ alumni records, implementing optimized search algorithms reducing query time by 50%
- Developed data visualization features and real-time analytics dashboard achieving 95% user satisfaction score through intuitive UI/UX design and efficient data workflows

Technical Achievements & Leadership

Smart India Hackathon 2025 – Frontend Developer   Sep 2025
National Innovation Competition   *Satna, MP*

- Collaborated in cross-functional team of 6 to develop data-driven prototype under 36-hour constraint, contributing to UI/UX design, database architecture, and frontend development with agile methodologies
- Implemented responsive interfaces and data visualization components improving user engagement by 30%

Competitive Programming: Solved 50+ LeetCode problems focusing on algorithms (Dynamic Programming, Recursion, Greedy) and data structures (Arrays, Linked Lists, Trees, Hash Tables) to strengthen analytical and problem-solving skills

Continuous Learning: Completed certifications in Java (Infosys), Prompt Engineering (Simplilearn), Web Development (Skill India Hub), Project Management (Coursera), and AI for Everyone (Coursera)

Additional Information

Languages: English (Fluent), Hindi (Native)
Interests: Data Science Research, Machine Learning Applications, Statistical Modeling, Business Analytics