Manoj More
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Recent MSc Information Systems graduate with strong foundations in machine learning, data analysis, and Python development. Proven experience delivering automated solutions and ML models through freelance projects and 5+ years of technical work in data-driven environments. Seeking to leverage programming skills, analytical mindset, and hands-on project experience in an entry-level role within software development, data science, or cybersecurity.

Technical Skills

Programming & Development: Python, SQL, JavaScript, HTML5, CSS3, Flask, Git/GitHub
Data Science & Machine Learning: Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow, Statistical Analysis
Database Technologies: MySQL, PostgreSQL, SQL Server, Database Design, Query Optimization
Cloud & Tools: AWS, Google Cloud Platform, Docker, Linux, Visual Studio Code, Jupyter Notebooks
Security & Analysis: Fraud Detection, XAI (SHAP/LIME), Data Privacy, Risk Analysis

Education

MSc Information Systems | University of Portsmouth | *Jan 2024 – Jun 2025*
Relevant Coursework: Database Systems, Web Development, Cybersecurity, UXD, Managing Info Sys

MSc Geophysics | SRTM University, India | *June 2017 - May 2019*
BSc Physical Science | *SRTM* University, India | *June 2013 - May 2016*

Academic Projects

Cybersecurity Threat Detection in Financial Transactions via ML and XAI Techniques

Technologies: Python, Scikit-learn, SHAP, LIME, Streamlit

- Developed ML-based fraud detection system using supervised learning algorithms on financial transaction data
- Implemented explainable AI techniques (SHAP/LIME) for model transparency and regulatory compliance
- Built real-time prediction dashboard with Streamlit for live transaction monitoring
- Ensured GDPR compliance through privacy-preserving data handling techniques

SQL-Based Database Design with Concurrency Control in Multi-user Environments

Technologies: SQL, MySQL, Python

- Designed normalized database schemas supporting multiple concurrent users
- Implemented advanced indexing and query optimization for improved system performance
- Applied transaction control and locking mechanisms ensuring data integrity
- Developed automated testing procedures for performance validation under various load conditions

Web-Based Learning Platform: Educational Resource Hub

Technologies: JavaScript, HTML5, CSS3, PHP, MySQL

- Built responsive full-stack web application with user authentication and content management
- Implemented RESTful APIs for seamless data integration and user experience
- Focused on accessibility standards and mobile-responsive design

Professional Experience

Machine Learning & Python Developer (Freelance) | *Fiverr, London, UK | Feb 2025 - Present*

- Delivered multiple automation scripts and ML solutions for international clients across various industries
- Built custom data processing pipelines for improved efficiency and data quality
- Developed predictive models for classification and regression tasks using Scikit-learn
- Provided technical consulting on ML architecture and implementation strategies

GIS Engineer | *Genesys International Corporation Ltd, Mumbai, India | May 2019 - Jan 2024*

- Managed large-scale geospatial databases with high availability requirements
- Automated data workflows using Python and SQL for improved processing efficiency
- Developed predictive risk analysis models for infrastructure planning using machine learning
- Led technical training sessions for team members on database optimization techniques
- Contributed to significant national mapping projects

System Analyst | *Bagga International Hotel, Aurangabad, India | Sep 2016 - Apr 2017*

- Optimized IT infrastructure including PMS and POS systems for improved reliability
- Implemented automated backup protocols and data consistency checks
- Conducted comprehensive technical training workshops for 20+ staff members

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Certifications & Professional Development

- **Python for Data Science** - Coursera (2024)
- **SQL Database Management** - University of Portsmouth (2024)
- **Cybersecurity Fundamentals** - Academic Certification (2024)
- **Agile Project Management** - Self-study certification (2023)

Additional Information

Languages: English (Fluent), Marathi, Hindi, Punjabi (Native)
Work Authorization: Eligible to work full-time in the UK (Student visa - post-study period)
Interests: Open-source contributions, machine learning research, cybersecurity trends, database optimization

References available upon request