

# SHYAM VIJAY JAGANI

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[GitHub](#) | [Certificates](#)

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## PROFILE

Detail-oriented Data analyst with hands-on experience in data analysis, reporting, and technical support. Skilled in Google Workspace tools, with a foundational understanding of stakeholder communication. Eager to apply analytical and organizational skills in a performance analyst role within a collaborative team environment.

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## RELEVANT TOOLS & SKILLS

- Strong communication & stakeholder management
  - Compliance & Vetting
  - Data entry, record keeping & mailbox coordination
  - Google Workspace (Sheets, Slides, Chat, Gmail)
  - Attention to detail & time management
  - Process Coordination & Volume Hiring
  - Collaborative Teamwork
  - Understanding of Right to Work and reasonable adjustments
  - Familiarity with Applicant Tracking Systems
  - Adaptable, agile and calm under pressure
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## WORK EXPERIENCE

### Talent Acquisition Coordinator

*John Lewis Partnership*

*July 2025 – Present*

- Full-Cycle Recruitment Support: Managed all administrative aspects of the candidate journey, from processing applications in the Applicant Tracking System (ATS) to coordinating assessments, issuing offers, and initiating onboarding.
- Stakeholder & Candidate Management: Acted as the primary point of contact for hiring managers and candidates, expertly handling queries, providing timely updates, and building credible relationships to promote a strong employer brand.
- Compliance & Vetting: Diligently carried out essential pre-employment checks, including Right to Work verifications, criminal conviction declarations, and processing of reasonable adjustments, ensuring 100% compliance with legal and company policies.
- Process Coordination & Volume Hiring: Supported high-volume recruitment for various business areas, including conducting interviews, negotiating start dates and salaries, and ensuring all tasks were completed with high accuracy and attention to detail.

- Collaborative Teamwork: Worked effectively in a hybrid, rota-based team environment to manage a high workload, resolve complex issues, and contribute to the team's overall success in meeting hiring targets.

### **Learning Technology Assistant**

*University of East London*

*Apr 2024 – Jul 2024*

- Audited and managed module data to meet institutional compliance standards
- Coordinated communication with academic staff via Gmail and Google Chat
- Prepared reports and tracked audit progress for team-wide visibility
- Demonstrated high attention to detail and organisational accuracy

### **Customer Assistant**

*John Lewis Partnership*

*Feb 2025 – Current*

- Delivered outstanding customer service and on-the-spot problem-solving within a fast-paced retail environment.
- Gained exposure to internal systems and operational processes, including accurate stock counts and price ticketing.
- Assisted with proactive customer queries, efficient till operations, and immediate issue resolution.
- Demonstrated strong adaptability by working flexibly across the shop floor to maintain high merchandising standards.

### **Catering Partner**

*John Lewis Partnership*

*Nov 2023 – July 2025*

- Delivered high-quality service and problem-solving in a fast-paced retail environment
- Gained exposure to internal systems and processes including administrative coordination
- Assisted with customer queries, till operations, and issue resolution
- Demonstrated adaptability and leadership during peak periods

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## **PROJECTS**

### Gym Management System

- Using agile development methods such as scrum or kanban.
- Created a fully functional gym management system using Oracle Apex SQL from scratch.
- Designing the Use Case Diagram, modelling and designing the ERD.
- Converting the ERD to a Normalized form to ensure data integrity and consistency.
- Delivering an in-class presentation about the database leading to a score of 99 from 100.

### Inventory Management Application

- Developed a stock management system using Java, implementing OOP principles for modular and maintainable code.
- Integrated a dynamic menu-driven interface with user input validation, enhancing the app's usability.
- Utilized arrays and data structures to efficiently store and manage inventory items.
- Implemented core business functionalities, including buying, selling, repricing stocks, and calculating total inventory value.
- Applied exception handling and control structures (loops, switch cases) to ensure robustness and smooth execution leading to a score of 97 from 100.

### Microsoft x EDI Business Challenge

- Developed AI-driven solutions to tackle real-world social and governmental challenges.
- Designed an AI-powered donor-charity matching system: Altruize to increase engagement and optimize fundraising efforts.
- Created a government-backed GenAI platform: consultUK to streamline public feedback, reducing policy response times from months to instant.
- Presented to leaders from Microsoft Mind, National Trust, Oxfam, RNIB, and pitched consultUK at 10 Downing Street.
- Leveraged AI for social good, enhancing efficiency in charity fundraising and government policymaking.

### **Programming for Data Science Project | CN5021 Module Assessment December 2024**

- **Designed an Intelligent Traffic Management System framework applying the Data Science Lifecycle, implementing computer vision models (YOLO, U-Net) for vehicle detection and classification with deployment strategies for real-world applications.**
- **Developed a K-Nearest Neighbors classification model in Python to predict heart disease risk across a 303-record dataset, optimizing performance through hyperparameter tuning and feature scaling using scikit-learn.**

### **Education Analytics Dashboard | Power BI Business Intelligence Analysis Module | Group Project**

- **Developed interactive Power BI dashboard analyzing student performance, teacher effectiveness, and resource allocation across 4 regional schools**
- **Designed comprehensive data models tracking KPIs including attendance rates (65.57% avg.), subject-specific failure rates (Math: 20%, Science: 14.71%), and student-teacher ratios**
- **Conducted correlational analysis between teacher experience and GPA, revealing positive relationship and identifying performance disparities across regions**

- Delivered actionable insights through user-friendly visualizations for school administrators, including predictive GPA modeling and resource optimization recommendations

#### Credit Risk Prediction Project (German Credit Dataset)

- Applied a Decision Tree Classifier to a real-world, highly imbalanced dataset to predict loan default risk (Good/Bad Risk).
- Addressed significant class imbalance and model overfitting by implementing hyperparameter tuning via Grid Search Cross-Validation (Grid Search CV) and pre-pruning techniques.
- Successfully prioritized the critical minority class, increasing the Recall for 'Bad Risk' from a baseline of 32% to 65% while maintaining an overall Accuracy of 70%.

#### BSc Project: Cryptocurrency Price Prediction Using On-Chain Data

- Designed and implemented a deep learning framework (e.g. LSTM-based multivariate time-series model) to forecast short-term price movements of a major cryptocurrency using combined on-chain and technical indicators.
- Collected, synchronised, and cleaned large-scale on-chain datasets (e.g. investor profitability ratios, liquidity and flow metrics) from multiple blockchain analytics sources to ensure high data integrity.
- Engineered and selected features based on literature review and exploratory data analysis to identify the most predictive on-chain and market signals.
- Trained, tuned, and validated models using Python (NumPy, Pandas, scikit-learn, TensorFlow/PyTorch) and evaluated performance against traditional price-only baselines using standard forecasting metrics.
- Interpreted results to assess the incremental predictive value of on-chain metrics and reflected on their implications for data-driven cryptocurrency valuation and trading strategies.

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## EDUCATION

### BSc (Hons) Data Science and Artificial Intelligence

University of East London

*Sept 2023 – Present*

- **Year 1 Result:** 93.5% | **GPA:** 3.74 / 4.0

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## CERTIFICATIONS & AWARDS

- Google Data Analytics Certificate
- EDI x Microsoft – Business Challenge Certificate
- Royal School of Literature Certificate