

Sohan Mavji

Computer Science Student

PERSONAL STATEMENT

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I am a Computer Science graduate from City, University of London, with hands-on experience in developing full-stack applications and solving real-world problems through software. For my final year dissertation, I built and deployed a cloud-based event management system for a charity using React, React Native, Node.js, and Firebase, improving efficiency for a large cultural festival with over 1,000 attendees. This project strengthened my skills in full-stack development, cloud deployment, database management, and real-time system integration.

I am now seeking a graduate software engineering or developer role where I can apply my technical skills, problem-solving ability, and commitment to delivering impactful solutions.

EDUCATION

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|------------------------------|--|---|
| • City, University of London | BSc (Hons) Computer Science (2022 - 2025) 2:2 (59.16%) | |
| • Year 3 Modules | • Advanced Database • Theory of Computation • Functional Programming • Data Visualisation | • Individual Project |
| • Year 2 Modules | • Data Structures and Algorithms • Professional Development in IT • Object Oriented Analysis and Design • Cloud Technology for Business Transformation | • Computer Networks • Programming in C++ • Team Project • Language Processors |
| • Year 1 Modules | • Programming in Java • Systems Architecture • Databases • Mathematics for Computing | • Introduction to Algorithms • Operating Systems • Computer Science, Ethics & Society |
| • Alperton Community School | Level 2 & Level 3 (2015 to 2022) A-levels: Biology (B), Level 3 National Diploma ICT (D*D) GCSEs: 9 Grade 9-6 including Maths, English, Combined Science, Geography, Gujarati, Media Studies, Computer Science. EBacc student. | |

TRANSFERRABLE SKILLS

Critical Thinking – Had to think very critically when purchasing broken hardware devices in order to ensure there is profit to be made when repairing and selling.

Communication – Effectively have talked to customers in all my previous workplaces in order to understand their needs.

Project Management – Completed a project management unit in my previous qualifications to ensure the project that was managed was completed on time.

Time Managed – Working in a fast-paced restaurant developed my time management skills as it is essential when it comes to serving food.

WORK EXPERIENCE

ASDA, Wembley Park, London

September 2024 to July 2025

Customer Delivery Driver

- Delivering groceries to customers in a timely, professional manner, ensuring high levels of customer satisfaction.
- Providing excellent customer service at the doorstep, handling any queries or concerns efficiently.
- Performing vehicle safety checks before and after shifts to ensure deliveries are completed safely.
- Managing route planning and adapting to traffic conditions to maintain delivery schedules.
- Handling grocery items with care to ensure goods are delivered in excellent condition.
- Maintaining a clean, organized van to comply with health and safety standards.

FANATICS, Wembley Stadium, London

May 2024 to July 2025

Casual Sales Assistant – Event only

- Providing exceptional customer service to a diverse range of sports fans and event attendees, ensuring a positive shopping experience
- Assist customers in locating merchandise, offering product knowledge and recommendations to drive sales.
- Operate the cash register efficiently, handing credit card transactions.
- Adapt to a fast-paced, high-energy environment during major event and game days, ensuring smooth operations under pressure.

MCDONALDS, North Acton, London

January 2022 to June 2024

Crew Member

- Providing a high – level customer service to meet customer requirements and satisfy their needs.
- Maintaining a clean and tidy restaurant to meet good health standards.
- Building and maintaining team. Relations
- Interacting with Customers
- Interacting with Epos Systems to take orders.

POUNDSTRETCHER, Harlesden, London

July 2020 to August 2020

Sales Associate

- Communicated effectively with customers.
- Heavy lifting of stock
- Resolved and analysed customer feedback.
- Ability to work independently with minimal supervision.
- Maintaining a clean work store

PROJECTS AND ACHIEVEMENTS

Cloud-Based Event Management System

- Designed and developed a mobile and web application for the Navratri Festival, used by over 1,000 attendees.
- Built with React Native, React.js, Node.js, Firebase Authentication, Firestore, and Cloud Functions, deployed on Google App Engine.
- Implemented QR code ticketing and validation, a real-time food ordering system with push notifications, and role-specific dashboards for admins, kitchen staff, and attendees.
- Improved event operations by reducing queues, streamlining staff communication, and providing real-time analytics to organisers.

Budgetly – Personal Finance Web Application

- Built a full-stack budgeting and expense management app using React, Firebase (Firestore + Auth), and Chart.js.
 - Implemented user authentication and protected routes for secure login/registration.
 - Developed features to track expenses, manage monthly budgets, and apply filters (by category, month, year, and amount).
 - Designed a dashboard with data visualisations (bar, pie, and line charts) to provide real-time insights into spending.
 - Integrated predictive analytics using TensorFlow.js, applying historical data, seasonal trends, and inflation adjustments to forecast future expenses.
 - Delivered a modern, responsive UI with consistent dark-theme styling.
 - Showcased strong skills in full-stack development, cloud integration, and applied machine learning.
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- Managed the full software lifecycle: requirements gathering, system design, coding, testing, and deployment
 - Completed a 20-hour Python programming project (GCSE).
 - Built a web development project independently to learn how to create websites from scratch.
 - Over 1,000 hours of volunteering as part of the Shiv Shakti Maa Meldi Society.

References

Available upon request.
