

SMITH DBRITTO

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PROFESSIONAL PROFILE

Full-stack developer with a BSc in Computer Science and several years of experience across web development, technical support, and education in the UK and UAE. Comfortable with the MERN stack, Python, SQL, and Power BI, with projects spanning stock-price prediction, IT asset tracking, and data reporting. Focused on writing reliable, maintainable code and steadily improving through hard work, feedback, and learning from stronger engineers.

EDUCATION

- BSc Computer Science: First Class Honors Graduated: 2021 Middlesex University London, UK
- Primary; Secondary Education GPA: 8.4 Graduated: May 2018 Our Own English High School, Sharjah

PROFESSIONAL EXPERIENCE

Windows Print Solutions, Ajman, UAE

Full-stack Developer (Database & System Management Focus)

Sept 2024 – Nov 2025

- Worked on developing and maintaining internal business web applications using MERN stack (React, Node.js, Express, MongoDB) and JavaScript.
- Wrote SQL queries and database functions to handle application data and improve performance.
- Fixed bugs and issues in applications reported by the team.
- Helped with basic system monitoring and keeping technical documentation up to date.

YoSushi! Heathrow Airport, UK

April 2023 - Aug 2024

Team Member

- Completed training in health, safety, food hygiene, and site security procedures required for air-side operations at Heathrow and guided others for training as well.
- Handled cash and card payments using PoS terminals, reconciled transactions, and helped resolve basic payment issues during rush-periods.
- Supported stock control by receiving deliveries, checking items against manifests, rotating inventory, and keeping storage areas organized.
- Contributed to integration of QR code feedback flow to encourage customer reviews and gather insights that could be used to improve service.

Empowering Learning Ltd Various Locations, UK

TA, Cover Teacher & Invigilator

Jan 2023 – April 2023

- Supervised and invigilated exams for students (Year 5 to Year 13), ensuring strict adherence to examination standards and procedures.
- Provided academic support and clarification to students in familiar subjects, aiding in instructional activities.

University College London (UCL) London, UK

Technical Support Assistant

Aug 2022 – Nov 2022

- Provided first-line technical support to staff and students for hardware, software, and account access via both remote and on-site channels.
- Performed laptop re-imaging tasks, including software installation and configuration to meet institutional standards and requirements.
- Logged support incidents, followed defined troubleshooting procedures, and escalated complex issues to senior technicians for resolution.
- Managed scheduling and loan processes for technical equipment, streamlining workflows and improving department efficiency.

Middlesex University, London, UK

Student Learning Assistant (SLA)

Aug 2019 – Feb 2020

- Provided support to Computer Science undergraduates during seminars and laboratory sessions.
- Helped students understand course content and answered questions in familiar subjects.
- Assisted with teaching methodologies and provided guidance to help students improve their understanding.

Pulse Labs, Contract (Online)

Audio QC Tester

April 2019 – Sept 2019

- Evaluated and provided feedback on audio quality, performance, and user experience to optimize production outcomes.

- Delivered daily progress reports to track testing results and identify issues for continuous improvement.
- Collaborated with cross-functional teams and used AI-driven tools to enhance audio analysis, testing automation, and overall product innovation.
- Flagged issues and edge cases in transcripts or prompts to help improve model responses.

McDonald's, Shepherd's bush, UK

Team Member

April 2019 – Aug 2019

- Delivered customer service by taking orders and handling payments at the counter.
- Prepared food items following safety and hygiene standards.
- Maintained cleanliness and organization of the dining and kitchen areas

PROJECTS

Stock Market Prediction System (AI/Machine Learning)

- Built an LSTM based model in Python to predict next day stock prices from recent historical data.
- Collected and preprocessed historical stock data (for example, via Yahoo Finance) and prepared it for time series modelling.
- Trained and evaluated the model on separate training/test splits and visualized predicted vs actual prices to understand performance.

IT Asset Tracking Web App

- Developed a full stack MERN application to record IT assets (such as laptops and peripherals) with create, update, and search functionality.
- Implemented user login and simple role-based permissions so only authorized users could modify asset records.
- Added overview pages and basic charts to show asset counts by status or location and deployed the app for testing and feedback.

Power BI / Data Analytics project

- Developed a small desktop tool in Python with a graphical interface to perform a focused task (such as managing records or organizing text data).
- Implemented basic create/read/update/delete operations and simple validation to keep user input consistent.
- Used GitHub for version control and included a README explaining how to install dependencies and run the application.

TECHNICAL SKILLS

- Operating Systems & Cloud: Windows 11, Microsoft 365, Active Directory (AD), Group Policy, Intune (MDM/MAM), AWS, Azure, Google Cloud
- Networking & Hardware: LAN/Wi-Fi/IP, Structured Cabling (UTP Cat. 5, Fiber Optic), Patching (MDF, PABX), Desktops, Laptops, Printers, PoS Systems, Meeting Room Systems (Teams/Zoom/Meets)
- Programming & Database: Python, Java, SQL, MERN Stack (MongoDB, Express.js, React, Node.js), Git
- Data & Tools: Power BI, Data Analysis, Troubleshooting, System Optimization, Unit Testing

CERTIFICATIONS

- SAP ERP Logistics Overview (Alison) - [Credential ID: 2852-47231913](#)
 - JPMorgan Chase & Co. - Software Engineering Lite (Forage) - [Credential ID: uu8b7fLKGNtpJHHEm](#)
 - PwC Switzerland - Data Analyst (Power BI) (Forage) - [Credential ID: zJtTfZMwFbmcZyED8](#)
 - Goldman Sachs - Software Engineering (Forage) - [Credential ID: DuLMh4x2azMbv3EiJ](#)
 - Electronic Arts - Software Engineering Job Sim (Forage) - [Credential ID: znhWTjqkhvfHL2Hzw](#)
 - Clifford Chance - Cyber Security (Forage) - [Credential ID: bK25YP538SLaDY4ai](#)
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