

ABDIWAHAB ADAM OSMAN

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PROFESSIONAL SUMMARY

AI and Full-Stack Developer with strong hands-on experience in machine learning, computer vision, NLP, and end-to-end web development. Experienced as a Full-Stack Developer in designing, building, and deploying intelligent systems using Python, REST APIs, and modern web technologies. Proven ability to develop real-world AI applications and scalable web systems with a strong data-driven problem-solving mindset.

EDUCATION

Bachelor of Computer Science (Honours)

Albukhary International University (AIU), Malaysia

Oct 2022 – Nov 2025 | CGPA: 3.68

EXPERIENCE

AI & Software Development Intern | Blue Ocean Data Solutions Sdn. Bhd. | Mar – Sep 2025

- Collaborated with a team to develop a YOLOv8 object detection model, achieving 86% accuracy.
- Applied computer vision and deep learning techniques for real-time object recognition.
- Labeled and processed 2,000+ images for training and model optimization.
- Built an interactive web-based platform using Flask and JavaScript to deploy the AI model.

Software Developer at Pusat Dialysis Albukhary System (<https://pdacentre.com/>) | Nov 2024 - Oct 2025

- Designed intuitive UX/UI for improved accessibility
- Built full-featured dialysis management system with patient database
- Integrated AI-powered chatbot using OpenAI + RAG
- Deployed full system on Hostinger Cloud

Freelance Web Developer & Content Manager | 2022-2026

- Developed responsive WordPress and custom web applications using HTML, CSS, JavaScript, PHP, and MySQL.
- Designed and managed content management systems for multiple clients.
- Performed website maintenance, troubleshooting, and performance optimization.
- Ensured cross-device compatibility and improved user experience.

PROJECTS & EXPERIENCE

Business Management System Developer – Stationery & Bookshop | Jan - Feb 2026

- Designed and deployed full business management system
- Implemented Sales, Inventory, Credit Tracking & Reporting modules
- Integrated real-time profit calculation
- Added AI-powered face recognition authentication

Document Classification System – OCR + LLM Automation | Sep - Nov 2025

- Built automated OCR pipeline for scanned documents
- Used OpenAI & Gemini for document classification
- Reduced manual processing time significantly

Financial Market Price (Machine Learning Project With Research paper) | Dec 2024-Oct 2025

- Collected and processed real-time financial market data using APIs.
- Built and trained an XGBoost regression model achieving approximately 90% prediction accuracy.
- Developed forecasting models to support data-driven investment decision-making.
- Contributed to a collaborative research paper on predictive modeling.

E-Learning Platform Development (<https://xulasho.com/>) | Sep 2024 - Feb 2025

- Developed a full-featured e-learning platform with user authentication, course enrollment, and profile management.
- Managed backend functionality and system administration.
- Ensured smooth performance for both learners and instructors.

ADDITIONAL INFORMATION

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, HTML, CSS, JavaScript, React, PHP, SQL, MySQL, Bootstrap, REST API
- **AI & ML Tools:** Scikit-learn, Pandas, PyTorch, Computer vision, TensorFlow, OpenCV, Matplotlib. Labelling
- **Tools & Platforms:** Jupyter Notebook, VS Code, Git, GitHub, Anaconda, and WordPress.
- **Languages:** English, Arabic, Somali

SOFT SKILLS : Communication skills, attention to detail, time management, problem-solving, and adaptability.