Raashidh Rizvi

BSc(Hons) IT specializing in (AI) • **Founder — QuicMov.com**

raashidh24@gmail.com +94 76 151 9040 linkedin.com/in/raashidh github.com/Raashidh-Rizvi

Profile

Experienced in building AI-driven platforms across domains including agriculture, health care, food intelligence, and marketplace systems.

Education

Sri Lanka Institute of Information Technology (SLIIT) - CGPA: 3.47/4.00 2024–2028
BSc (Hons) Information Technology — Specializing in Artificial Intelligence

Key Coursework: Probability & Statistics, Ai & ML, OOP, OS & System Administration, Database Design and Development, Web and Mobile Technologies, Linear Algebra, Discrete Mathematics, DSA, IoT, AIML Project, Professional Skills

Amazon College International Campus 2024
Diploma in Counselling & Psychology

London School of Business & Social Science 2024
Diploma in Information Technology

Zahira College Matale 2008–2022
G.C.E. Advanced Level — Biological Science Stream

Technical Skills

Programming Languages — Java, Python, TypeScript, JavaScript, SQL, C++, HTML5, CSS3

Artificial Intelligence / Machine Learning — CNN, MLP, SVM, Classification Modeling, Image Augmentation, Transfer Learning, Feature Engineering, Model Optimization, Hyperparameter Tuning, RAG Systems, LLM Integration, FastAPI

Backend Engineering — Spring Boot, Express.js, Node.js, REST API Design, Microservices Architecture, Spring Security, JWT, OAuth2, Hibernate ORM, RBAC

Frontend Engineering — React, React Native, TypeScript, Tailwind CSS, TanStack Query

Databases and Caching — Oracle Database, PostgreSQL, MongoDB, MySQL, Redis

DevOps / Infrastructure — Docker, Linux, Git, Nginx, CI/CD

Cloud / Platforms — AWS, Oracle Cloud, Azure AI (Foundry)

Projects

Live: QuicMov.com — Rental Marketplace Platform with AI Chatbot **2025 -2026**
Java, Spring Boot, LLM Integration, AI Chatbot Systems, Cloud Deployment, React, Oracle DB, Redis, Docker, REST APIs, WebSockets

- Deployed and actively maintaining a live production platform with real user interactions
- Developed scalable rental marketplace supporting multiple domains.
- Implemented secure authentication and authorization workflows.
- Built AI-powered chatbot assistant using Azure Foundry APIs

  - Enabled conversational search for listings and services
  - Provided booking guidance and availability insights
  - Assisted new users with onboarding and platform navigation
- Integrated real-time communication features.
- Optimized performance via caching and pagination.
- Containerized application for deployment portability.

SmartMeal — AI Recipe & Food Intelligence System **2026**
Python, FastAPI, React, MongoDB, Azure AI, Firebase

- Developed a full-stack AI-powered meal planning web app with inventory, shopping list, budget management, and admin dashboard
- Built a recipe recommendation system using TF-IDF and cosine similarity based on ingredients, dietary preferences, leftovers, and near-expiry items
- Integrated an AI chatbot and AI recipe generator using Azure AI for conversational and personalized recipe suggestions
- Implemented FastAPI backend APIs, Firebase authentication, and notification management functionalities

Agro Lanka — AI-Powered Smart Agriculture Mobile Application **2026**
Python, FastAPI, TensorFlow, OpenCV, React Native, MongoDB

- Built an AI-powered smart farming mobile app for Sri Lankan farmers with crop management, advisory alerts, marketplace, and expert support
- Developed CNN-based plant disease detection using TensorFlow and OpenCV with image preprocessing and ML pipelines
- Designed FastAPI inference APIs to analyze uploaded crop images and return disease predictions, confidence scores, treatments, and prevention guidance
- Integrated React Native frontend, MongoDB database, authentication, and scalable REST APIs for real-world deployment

Multi-Class Brain Tumor Classification System **2025**
Python, TensorFlow, OpenCV, CNN, Scikit-learn

- Built full ML pipeline classifying MRI scans into four tumor categories.
- Designed preprocessing including denoising and resizing.
- Implemented data augmentation for improved model robustness.
- Compared multiple architectures and optimized SVM achieving high accuracy.
- Applied transfer learning using EfficientNet for feature extraction.

Certifications

- Oracle — OCI AI Foundations Associate (2026)
- Databricks — AI Agent Fundamentals (2026)
- Databricks - Generative AI Fundamentals (2026)
- Microsoft — AI concepts for developers and technology professionals (2026)
- Microsoft — Introduction to AI in Azure (2026)
- Microsoft — Develop Generative AI Apps in Azure (2025)
- Microsoft — Data Analytics Fundamentals (2025)