# DEENAUTH MOHABEER

**SOFTWARE ENGINEERING / AI & DIGITAL TRANSFORMATION / TECHNICAL LEADERSHIP**

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## PROFESSIONAL PROFILE

Software engineer and technical leader with approximately a decade of experience building enterprise applications, guiding multidisciplinary delivery teams and turning complex operational needs into dependable digital services. My career combines hands-on Oracle APEX, PL/SQL, APIs and systems integration with practical experience in conversational AI, solution architecture, programme delivery and stakeholder engagement. At the Cayman Islands Government, I support public-service modernisation, lead technical work across major digital-service initiatives and have explored responsible enterprise AI through a retrieval-augmented generation proof of concept. Earlier work at V75, NeXus Hub and Innosys developed my foundation in pre-LLM natural-language systems, client-facing delivery, mentoring and organisational change. I bring an engineering mindset to leadership: understand the problem and the people, make sound technical decisions, and help teams deliver maintainable solutions.

## CORE CAPABILITIES

AI & conversational systems • RAG / vector retrieval • Solution architecture & APIs • Digital transformation • Oracle APEX, PL/SQL & ORDS • Technical leadership • Agile delivery • Stakeholder engagement & mentoring

## PROFESSIONAL EXPERIENCE

**Senior Software Developer** | Cayman Islands Government · Computer Services Department — Sep 2024–Present

- Designed and delivered an AI HR Companion proof of concept (completed Q2 2025) under the Head of Architecture, Governance and AI; explored document ingestion, vector-based semantic retrieval and retrieval-augmented generation for organisational knowledge access, including governance and information-quality considerations.
- Serve as technical lead for Visas Online and the ongoing WORC Online programme, guiding developers and working across business owners, the PMO, architecture specialists, vendors and operational stakeholders on complex digital public-service initiatives.
- Translate service needs and legacy workflows into implementation approaches: facilitate requirements discovery, technical discussions and demonstrations, and support system and API design, integration options and architecture review.
- Led departmental Postman Enterprise adoption to support shared API documentation, consistency, discoverability and collaboration across development teams.
- Mentor and supervise developers; contribute to code quality, design reviews, technical planning and recruitment while balancing delivery, security and governance requirements.

**Software Developer I** | Cayman Islands Government · Computer Services Department — Jul 2023–Aug 2024

- Developed and maintained Oracle APEX and PL/SQL applications for government operations, working through requirements, implementation, testing, troubleshooting and peer review; supported common engineering practices and early digital-service improvements.

**Director** | V75 Inc. — 2022–Present

- Provide director-level oversight spanning solution discovery, client discussions, proposals, technical specifications, project planning and coordination of software delivery teams.
- Support architecture decisions, quality assurance, developer mentoring and operational planning, informed by earlier enterprise application and conversational AI engineering roles.

**Software Developer III / Technology Developer II / AI Competency Engineer II** | V75 Inc. — Nov 2018–Apr 2022

- Progressed through Oracle-based enterprise engineering and pre-LLM conversational AI roles, building application components, integration services and natural-language experiences.
- Designed intent and entity models, classification/NLP workflows and Python-backed conversational business logic while collaborating with client-facing teams on technical delivery.

## EARLIER EXPERIENCE

**Software Contractor** | Pan American Health Organization / WHO 2021–2022

- Contributed across two digital-health engagements, including immunisation reporting and stocktaking, an adolescent-health information portal and a Flutter mobile app; engaged stakeholders around implementation and training.

**Lead Developer / Oracle APEX Instructor** | NeXus Hub · separate appointments 2020–2022

- Led delivery of Oracle APEX training, recruitment, virtual-learning and skills/opportunity systems within the IDB Lab-supported GY-T1162 initiative, coordinating developers and iterative delivery.
- Returned in 2022 to teach Oracle APEX, prepare learning materials and support new developers; earlier participated in the 2018 NeXus/Clinc enterprise conversational AI apprenticeship.

**Software Analyst Programmer** | Innovative Systems Inc. (Innosys) Aug 2016–Nov 2018

- Designed and supported Oracle-based enterprise solutions across HR, finance, revenue and supply-chain workflows; worked directly with users on discovery, demonstrations, reporting and adoption.

**Web Developer (Consultancy)** | World Bank-supported Deeds and Commercial Registry initiative Jul–Nov 2017

- Developed a public-facing web portal associated with business registration and access to registry information in Guyana.

## SELECTED PROJECTS & RESEARCH

**University of London research · 2021** Final-year project, “Conversational Augmented User Interfaces for Management Information Systems — A Study of Usability and Productivity.” Examined how conversational interaction could complement traditional graphical interfaces for management information systems, with particular attention to usability and productivity. The University of London selected the report for its Project Library and formally recognised it as outstanding work that could serve as an example for future students.

**Digital public services & enterprise AI · 2023–Present** Technical leadership on major online services, cross-functional systems integration and API governance; separately developed the AI HR Companion as an exploratory RAG proof of concept, not a production service.

**National hackathon projects · 2017** Two back-to-back first-place national hackathon wins: FarmersMarketGY, an agricultural exchange concept, and a prototype for local-government tax management.

## EDUCATION

**MSc · 2025** Agile Methodologies and Digital Transformation — Universidad Isabel I (completed June 2025).

**BSc (Hons) · 2021** Computing and Information Systems — University of London (completed September 2021).

## CREDENTIALS & PROFESSIONAL DEVELOPMENT

**Oracle AI Database Foundations Associate** — Oracle · 2026

**Oracle APEX Cloud Developer Certified Professional** — Oracle · 2023

**ITIL 4 Foundation** — 2024

**Associate Conversational AI Developer** — Clinc · 2020

**PRINCE2** — training completed; certification in progress

## SELECTED RECOGNITION

- National CAPE top-performer recognition — 2016.
- Two back-to-back first-place national hackathon wins — 2017.
- Featured in Guyana Chronicle, “Young Tech Genius on the Rise” — 2018.
- University of London Project Library selection for outstanding final-year work — 2021.
- Featured in NeXus Developer Stories interview — 2025.