Chigozie Valentine Nwachukwu

Aspiring Project/Product Manager | Software Engineer | STEM Educator Milton Keynes, UK
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Professional Summary

Experienced software engineer and technical educator transitioning into project/product management within the oil and gas and infrastructure sectors. Proven success in backend development, cloud technologies, and mentoring teams, backed by an MSc in Software Engineering (Distinction). Skilled in delivering scalable solutions, aligning technical projects with business outcomes, and fostering innovation in cross-disciplinary environments.

Core Competencies

- Agile Project Delivery (Scrum, RAD, Waterfall)
- Cloud Platforms (Azure, AWS)
- Product Lifecycle Management
- RESTful API Design & Integration
- Stakeholder Engagement & Communication
- Curriculum & Team Leadership
- Data-Driven Decision Making
- Digital Transformation Support

Certifications

- Microsoft Certified: Azure AI Engineer Associate
- Microsoft Certified: Azure AI Fundamentals
- Prompt Engineering for ChatGPT – Vanderbilt University
- *AgilePM Practitioner – In Progress (Expected Sep 2025)*
- *Project Management Professional (PMP) – In Progress (Expected Nov 2025)*

Professional Experience

Lecturer in Computing, *Milton Keynes College, UK – Sept 2024 to Present*

- Lead instructor for T-Level Digital Production & Design.
- Designed curriculum bridging academic and industry needs.
- Mentored students toward apprenticeship and workplace readiness.

- o Integrated Agile methodologies into hands-on classroom delivery.

- o Supported students in understanding the product lifecycle, system architecture, and client-side integrations.

Coding Club Instructor *U Teach Mi, London – Apr 2024 to Aug 2024*

- o Facilitated hands-on coding, digital art, and game development
- o Cultivated student creativity through interactive design projects
- o Promoted teamwork and critical thinking using outdoor and tech activities
- o Facilitated interactive sessions focusing on problem-solving, logic building, and creative coding projects.

Software Engineer *RoadPadi, Nigeria – Mar 2021 to Jul 2023*

- o Developed scalable web applications and RESTful APIs for enterprise clients

- o Collaborated with cross-functional teams using Agile sprints and product backlogs

- o Refined backend systems for performance, security, and modular design

- o Maintained CI/CD pipelines and server deployments across hybrid cloud setups

Education & Training

MSc Software Engineering *(Distinction) University of Hertfordshire – 2023 to 2024*

- o Dissertation on PSP Management Tools using quantitative analysis.

- o Modules: Software Engineering Practice, Responsible Technology, R-based data analysis.

BSc Computer Science *(2:1) Anambra State University – 2007 to 2012*

- o Final project: Birth Registration System Development.

NCFE Level 3 Award in Education and Training, *Milton Keynes College – Dec 2024*

Technical Toolkit

- o **Languages**: Java, Python, JavaScript
- o **Frameworks**: Spring Boot, Flask, React, Bootstrap
- o **Cloud/DevOps**: Azure, AWS, Docker, GitHub
- o **Databases**: MySQL, PostgreSQL, MongoDB
- o **Methodologies**: Agile (Scrum), Waterfall, RAD

Professional Affiliations

- o Member, British Computer Society (BCS)

- o Microsoft Innovative Educator Expert (in training)