

# **Nur Fatin Atiqah Binti Mustafa Kamal**

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## **OBJECTIVE**

Experienced software developer transitioning into AI, leveraging 3+ years of Python expertise and an IBM AI Developer Professional Certificate to build and deploy data-driven and AI-powered solutions.

## **PROFESSIONAL EXPERIENCES**

**Full-Stack Software Developer**, Plisca (M) Sdn. Bhd, Ampang, Selangor Sep 2022 - Nov 2024

- Developed robust backend systems and data integration points for digital platforms, supporting government agencies and ensuring data integrity and compliance with public-sector standards.
- Engineered data-driven backend logic and API integrations using Python, enabling scalable automation and establishing foundational components for AI/ML pipeline development.
- Architected and deployed an automated application tracking system using PHP/Laravel and PostgreSQL, cutting manual data processing by ~60% and accelerating report generation.
- Collaborated with cross-functional teams (analysts, PMs, and clients) to define user stories in JIRA, improving sprint planning efficiency and reducing rework by 30%.
- Redesigned GeoNode's geospatial data architecture by implementing a one-to-many relationship between spatial and non-spatial datasets using PostGIS, Django models, and SQL views, eliminating data redundancy and enabling cleaner map visualizations for the Geospatial sharing platform.
- Conducted a complete user acceptance testing phase by designing test scripts, coordinating clients sessions, and resolving reported issues, resulting in 100% client approval and successful project handover.
- Leveraged AI-assisted development tools (e.g., GitHub Copilot, ChatGPT) to accelerate coding, automate repetitive tasks and boosting productivity.
- Documented system architecture and API workflows, reducing new developer onboarding time by 20% and improving knowledge transfer efficiency.

## **TECHNICAL SKILLS**

**Programming Languages:** Python, PHP, RESTful APIs, Laravel, Django, Flask, Node.js, HTML, CSS, JavaScript, Angular, Ionic.

**Artificial intelligence & Machine Learning:** Generative AI, Large Language Models (LLMs), Prompt Engineering.

**Databases:** SQL, PostgreSQL, PostGIS, Spreadsheets, Database Design (ER Diagram).

**Data Visualization:** Tableau.

**DevOps:** Docker, CI/CD, Git.

## **PROJECT & DELIVERY SKILLS**

Software Development Lifecycle (SDLC), Strategic Thinking, Stakeholder Engagement, Customer Interviews, Agile & Scrum Methodologies, JIRA, Documentation, Problem-Solving, Presentation.

## **EDUCATION**

Bachelor of Arts in Economics and Social Studies (Major in Business Studies and Economics),  
The University of Manchester, Manchester, UK Sep 2014 - Jun 2017

Leadership Award

- Earned a Bronze Award in the Manchester Leadership Programme for community and leadership contributions (2016).

## **CERTIFICATES**

**Advanced Prompt Engineering**, Learn Prompting (Completed Nov 2025)

**Prompting Essentials**, Google (Completed Oct 2025)

**AI Developer Professional Certificate**, IBM (Completed Jun 2025)

**AI Essentials**, Google (Completed Jun 2025)

**The Complete Python Pro Bootcamp**, London App Brewery (Completed May 2022)