



# John Philip Mahinay

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## PROFESSIONAL EXPERIENCE

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### Data Science Specialist (Virtual Assistant)

*UK-Based Company | 2022 – Present*

- Managing data-driven initiatives and high-level analytical tasks, providing specialized support in data processing and visualization.
- Optimizing data pipelines and ensuring accuracy in large-scale datasets for international stakeholders.

### Freelance Full-Stack Developer

*Remote / Global | 2013 – Present*

- Developing cross-platform solutions for Web, Android, Windows, and macOS.
- Early adopter of AI-driven coding, integrating autonomous agents into the workflow to deliver high-quality software at an accelerated pace.
- Designing and hosting local web-based applications using modern server architectures and mobile interface automation.

### Senior Software and Network Engineer

*Dubai Internet City, UAE | Jan 2005 – 2012*

- Lead engineering roles in one of the world's premier technology hubs.
- Managed complex network infrastructures and software systems, ensuring high availability and performance for enterprise-level environments.
- Bridged the gap between software development and network architecture to create robust, scalable tech stacks.

## TECHNICAL SKILLS

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### AI-Augmented Development

- **AI-Native IDEs:** Expert proficiency in Cursor, Kilo Code, and Google Antigravity, utilizing AI agents for real-time code refactoring, bug prediction, and rapid prototyping.
- **Autonomous Coding Agents:** Advanced ability to leverage AI technology to accelerate development cycles, handling boilerplate, documentation, and complex logic implementation.

- **Prompt Engineering for Codegen:** Strategic use of multi-step prompts to generate production-ready Python, SQL, and JavaScript.

## Software Engineering & Automation

- **Languages & Frameworks:** Expert-level Python, SQL, HTML, CSS, and JavaScript.
- **Workflow Automation:** Power user of n8n for orchestrating complex business logic and data synchronization.
- **Data Engineering & Science:** Specialist in ETL processes, asynchronous scripting, and data science virtualization for international firms.

## CORE COMPETENCIES

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### AI Strategy & Implementation

- Adept at integrating AI tools into the developer workflow to increase velocity and reduce technical debt.
- Skilled at identifying manual bottlenecks and replacing them with AI-driven or script-based automation.

### Analytical Problem Solving

- Possesses a highly logical mindset optimized for debugging complex asynchronous systems and multi-layered data pipelines.
- Strong background in high-level cognitive performance, enabling the rapid acquisition of new programming frameworks and AI tools.

### Communication & Leadership

- **Multilingual:** Native-level fluency in English, Cebuano, and Tagalog, facilitating clear technical documentation and cross-cultural collaboration.
- **International Experience:** Proven ability to work with diverse teams across the Middle East, Europe, and Southeast Asia.