Philip Higginbottom | Python Developer

🌐 Wakefield
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Professional Profile

PCPP2 certified Python Developer with over 9 years' experience working with Python frameworks focused on data. Well-acquainted with database engineering, improving database performance, developing custom data and cloud solutions, and server-side technology. Highly skilled in Python coding and scripting, and working with web frameworks including Django, HTML and CSS.

Core Skills

- Web frameworks
- Event-driven programming
- Machine learning and AI
- Data structures
- Exception handling

- Code versioning tools
- Object relational mappers
- Multi-process architecture
- OOPs concepts
- PCPP2 certified

Career Summary

May 2019 - Present   **Digital Consultants Inc, Wakefield**
                                Python Developer

Outline

Working for a successful digital transformation consultancy based in Wakefield. Responsible for software development projects and initiatives including building solutions using industry best practice and delivering quality solutions for clients.

Key Responsibilities
- Translate functional project requirements to meet the specified technical requirements
- Design programs and systems that match the complex project requirements
- Record the specifications that are involved in the development and coding process
- Code, test, implement, debug and document each program
- Verify and validate end deliverables
- Lead troubleshooting events and communicate solutions and resolutions to the team
- Complete projects and development activities within the timeframe expected
- Provide documented operation and user procedures when required, and provide training for respective users
- Maintain an up-to-date knowledge of the latest technology and tools to improve the software development process

Key Achievements
- Improved client database performance by 20% using materialised views and stored procedures.
- Developed several in-house packages with over 75% test coverage.
- Optimised client back-end microservices and lowered the service request time from 800ms to 130ms.
- Improved client data protection and security, increasing the security rate by 30%.
- Developed and configured client database and backend applications and programs, contributing to operations continuity and increasing program efficiency by 18%.