PAUL SPENCER

Software Engineer

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📍 Amsterdam, The Netherlands

🏳 British and Irish (EU)

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Summary

Software engineer with nearly three decades of delivering innovative solutions across fintech, energy, and govtech sectors, including 13 years specialized in .Net technologies. Completed a Master's in Software Engineering in 2022 while maintaining full-time employment. Currently architecting AI and emerging technology solutions while maintaining focus on practical business outcomes. Hardworking, adaptable and committed to continuous professional development.

Experience

Khonraad Software Engineering   *Amersfoort, The Netherlands*
Lead Emerging Technologies and AI Architect   *Apr 2019 – Present*

Technologies: Kotlin, Java, C#, Azure, OpenAI, Kotlin Multiplatform, JetBrains MPS, Python

– Developer for production and innovation projects for mental health Laws
– An example innovation project was A RAG chatbot, using .Net and Azure

Captain McFunshines Software Engineering   *Soest, The Netherlands*
Freelance Software Engineer   *Aug 2019 – Present*

Technologies: Kotlin, Azure, AWS, OpenAI, Kotlin Multiplatform, Python

– Architect and developer of a new audio reversioning platform
– Five-month .Net consultancy engagement with Baker Hughes

Baker Hughes   *Delft, The Netherlands*
Senior .Net Developer   *Jan 2014 – Apr 2019*

Technologies: C#, SQL Server

– Member of team that developed the SDK and API for the JewelSuite platform
– Served as principal technical contact for external developers building JewelSuite extensions
– Senior .Net contractor, managing quality and delivery of an offshore team

Kempen & Co   *Amsterdam, The Netherlands*
Senior .Net Developer   *May 2007 – Dec 2013*

Technologies: C#, K2, SQL Server, VBA

– Delivered training on Entity Framework, Linq and Unit Testing/TDD
– Maintained and enhanced property securities indexing engine
– Developed application for maintaining and trading complex structured products
– Authored K2 Workflow (WWF) systems of business-critical processes

Unisys   *Schiphol Rijk, The Netherlands*
Developer   *May 2001 – May 2007*

Technologies: VBA, WebIntelligence, C#

– Reporting developer for world wide Accounts Receivables
– Achieved first Microsoft Certification and implemented small internal C# projects

ACT Financial Systems   *London, UK*
Developer   *Nov 1999 – Apr 2001*

Technologies: PICK, Databasic, Universe, Visual Basic 6

– Developer and supporting Engineer for a stockbroking settlement system
– Thirdline support for OMS a Visual Basic 6 wrapper on our settlement system

HSBC Investment Bank   *London, UK*
Developer   *Feb 1999 – Nov 1999*

Technologies: PICK, Databasic, Universe

– Developer for message processing, report writing, and screen handling programs

Lloyds Bank Stockbrokers   *London, UK*
Support / Business Analyst   *May 1997 – Feb 1999*

Technologies: PICK, Databasic, Universe, VBA, Visual Basic 4

– Support and Report Developer for internal customers
– Took Visual Basic 4 night classes and thereafter implemented small internal projects

Education

Universiteit van Amsterdam   *Amsterdam, The Netherlands*
Masters Software Engineering   *Graduated 2022*

Relevant Module: *Software Construction - I created two interacting Domain Specific Languages using C#*
Note: *Completed while maintaining full-time employment*

Wolverhampton University   *Wolverhampton, U.K.*
BA European Business Administration   *Graduated 1996*
Hogeschool Holland   *Amsterdam, The Netherlands*
HEAO Joint European Business Administration   *Graduated 1996*

Certifications

The Following Microsoft Professional Certifications:
– MCPD D425-8639 Windows Developer
– MCPD D418-3946 Windows Azure Developer (Charter Member)
– MCPD D415-8350 Web Developer
– MCPD A941-2480 Windows Developer
– MCPD A941-2479 Web Developer
– MCT D423-9678 .NET Framework, Windows Applications
– MCT D413-5519 .NET Framework, Data Access
– MCT D410-3346 .NET Framework, Web Applications
– MCT D404-5594 .NET Framework, Service Communication
– MCT A941-2481 .NET Framework, Windows Applications
– MCT A941-2482 .NET Framework, Web Applications
– MCSD C020-3599 Microsoft .NET
– MCAD C020-3597 Microsoft .NET
– MCP D020-3593 Microsoft Certified Professional

– Nederlands Als Een Tweede Taal (NT2) Niveau 2

Languages

– **English:** Mother Tongue
– **Dutch:** Fluent spoken, listening and reading, intermediate written