PAUL SPENCER

Software Engineer

📞 +31 6 46 395 141
✉ spencerpj@gmail.com
📍 Amsterdam, The Netherlands
🏴 British and Irish (EU)

in linkedin.com/in/spencerpj
🌐 spencerpj.com
○ github.com/McFunshine

Summary

Software engineer with nearly three decades of delivering innovative solutions across fintech, energy, and govtech sectors. For the past half decade, focused on Java/Kotlin development and AI solutions. 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 AI and Emerging Technologies Architect   *Apr 2019 – Present*

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

- Updated software to comply with new laws within core Java product development team
- Responsible for complete development lifecycle of the innovation projects, including:
  - A full-featured iOS and Android App using Kotlin Multiplatform with OpenAI integration
  - OCR integration solutions
  - Domain-specific language extension for Decision Engine using JetBrains MPS

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

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

- Developed Podmorph, an AI-powered solution for podcast and radio professionals
- Integrated multiple AI services (Anthropic, Google AI, OpenAI, Groq, Replit, Fal AI) deployed on AWS and Azure

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

Technologies: C#, SQL Server

- Developer and Product Evangelist of a subsurface modelling platform for the oil industry

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

Technologies: C#, K2, SQL Server, VBA

- Various internal projects to manage large portfolios and indexing products

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

Technologies: VBA, WebIntelligence, C#

– Reporting developer for world wide Accounts Receivables

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

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

Education

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

– Thesis: *Projecting Rules: Improving Comprehension of Business Rules with Projectional Editing*
  Making the Drools DSL Projectional with MPS
– Relevant Module: *Software Evolution - Used language workbenches to measure the evolution of a large Java codebase*

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

– 15 Microsoft Certifications including 5 MCPDs in Windows, Web and Azure
– Nederlands Als Een Tweede Taal (NT2) Niveau 2

Languages

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