

## Paul SPENCER



### PROFILE

A software engineer with a passion for programming with nearly three decades of history of producing solutions in the financial, energy and GovTech sectors. Specializing in AI integration, cloud architecture, and innovative software solutions.

### CONTACT DETAILS

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📍 Amsterdam, The Netherlands

### PERSONAL INFORMATION

Citizenship: **British and Irish**  
Languages: **English** (native),  
**Dutch** (fluent)

### SKILLS

- AI/ML: OpenAI, Google AI, Anthropic, Groq
- Languages: Python, C#, Java, Kotlin, Haskell
- Cloud: AWS, Microsoft Azure
- Mobile: iOS, Android (Kotlin Multiplatform)
- Tools: JetBrains MPS, Git, Docker
- Methodologies: Agile, TDD, Property-based Testing

## EXPERIENCE

LEAD AI AND EMERGING TECHNOLOGIES ARCHITECT at *Khonraad Software Engineering*. **2024.01–pres.**

- ◇ A RAG chatbot providing guidance across the WvGGZ laws
- ◇
- ◇ A full-featured iOS and Android App using Kotlin Multiplatform with OpenAI integration

HEAD OF INNOVATION at *Khonraad Software Engineering*. **2020.02–2024.01**

- ◇ OCR integration solutions
- ◇ Domain-specific language extension for Decision Engine using JetBrains MPS
- ◇ Updated software to comply with new laws within core Java product development team

FREELANCE SOFTWARE ENGINEER at *Captain McFunshines Software Engineering*. **2019.08–pres.**

- ◇ 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
- ◇

PLATFORM EVANGELIST at *Baker Hughes*. **2015.10–2019.04**

- ◇ Served as principal technical contact for external developers building JewelSuite extensions
- ◇ Developed and delivered training to ecosystem partners worldwide
- ◇ Presented development tools at conferences and helped onboard partners

SENIOR DEVELOPER at *Kempen & Co.* **2009.12–2013.12**

- ◇
- ◇ Delivered training on Entity Framework, Linq and Unit Testing/TDD
- ◇ Maintained and enhanced property securities indexing engine

## EDUCATION

MASTERS IN SOFTWARE ENGINEERING. *Universiteit van Amsterdam*. **2022**

- ◇ Completed while maintaining full-time employment.

BA HONS (2:1) AND HEAO IN EUROPEAN BUSINESS ADMINISTRATION. *Wolverhampton University and Hogeschool Holland*. **1996**

## CERTIFICATIONS

MICROSOFT CERTIFICATIONS.

- ◇ 15 Microsoft Certifications including 5 MCPDs in Windows, Web and Azure

DUTCH LANGUAGE.

- ◇ Nederlands Als Een Tweede Taal (NT2) Niveau 2