

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

@ spencerpj@gmail.com
☎ +31 6 46 395 141
🌐 github.com/McFunshine
🌐 spencerpj.com
in linkedin.com/in/spencerpj
📍 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.**

- ◇ Built and deployed production-ready chatbots using Python, C#, Azure, and OpenAI
- ◇ Handled complete development lifecycle from architecture to implementation
- ◇ Independently developed full-featured iOS and Android application using Kotlin Multiplatform with OpenAI integration

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

- ◇ Spearheaded development of custom Android application and OCR integration solutions
- ◇ Created domain-specific language extension for Decision Engine using JetBrains MPS
- ◇ Maintained development responsibilities within core Java product team

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

- ◇ Designed and developed Podmorph, an AI-powered solution for podcast and radio professionals
- ◇ Integrated multiple AI services (Anthropic, Google AI, OpenAI, Groq, Replit, Fal AI) using Kotlin Multiplatform
- ◇ Built cloud infrastructure spanning AWS and Microsoft Azure

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

- ◇ Helped developers extend and integrate the JewelSuite ecosystem
- ◇ 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**

- ◇ Improved company's software development technology portfolio and processes, helping move toward Agile techniques
- ◇ Delivered training on Entity Framework, Linq and Unit Testing/TDD to the team
- ◇ Maintained and enhanced property securities indexing engine, facilitating doubled subscription base with halved man-hour cost

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 (all expired)

DUTCH LANGUAGE.

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