

PAUL SPENCER

Java/Kotlin Software Engineer

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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

Klinkendetaal / Gridline
Senior Developer & AI Specialist

Amsterdam, The Netherlands
Aug 2025 – Present

Technologies: Java, Spring Boot, Kotlin, Koog, PostgreSQL, Kubernetes

- Built LLM evaluation framework using Kotlin and Koog for automated model benchmarking
- Built Spring Boot backend for production gamified feedback platform enabling human-in-the-loop AI evaluation
- Refactored and stabilized production Java applications

Khonraad Software Engineering
Lead Emerging Technologies and AI Architect

Amersfoort, The Netherlands
Apr 2019 – Aug 2025

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
Freelance Software Engineer

Soest, The Netherlands
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
Senior .Net Developer

Delft, The Netherlands
Jan 2014 – Apr 2019

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

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| Kempen & Co
<i>Senior .Net Developer</i>
– Various internal projects to manage large portfolios and indexing products | <i>Amsterdam, The Netherlands</i>
<i>May 2007 – Dec 2013</i> |
| Unisys
<i>Developer</i>
– Reporting developer for world wide Accounts Receivables | <i>Schiphol Rijk, The Netherlands</i>
<i>May 2001 – May 2007</i> |
| ACT Financial Systems
<i>Developer</i>
– Developer and supporting Engineer for a stockbroking settlement system | <i>London, UK</i>
<i>Nov 1999 – Apr 2001</i> |
| HSBC Investment Bank
<i>Developer</i>
– Developer for message processing, report writing, and screen handling programs | <i>London, UK</i>
<i>Feb 1999 – Nov 1999</i> |
| Lloyds Bank Stockbrokers
<i>Support / Business Analyst</i>
– Support and Report Developer for internal customers | <i>London, UK</i>
<i>May 1997 – Feb 1999</i> |

Education

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| Universiteit van Amsterdam
<i>Masters Software Engineering</i>

– Thesis: <i>Projecting Rules: Improving Comprehension of Business Rules with Projectional Editing</i>
Making the Drools DSL Projectional with MPS
– Relevant Module: <i>Software Evolution - Used language workbenches to measure the evolution of a large Java codebase</i> | <i>Amsterdam, The Netherlands</i>
<i>Graduated 2022</i> |
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Note: *Completed while maintaining full-time employment*

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| Wolverhampton University
<i>BA European Business Administration</i>
Hogeschool Holland
<i>HEAO Joint European Business Administration</i> | <i>Wolverhampton, U.K.</i>
<i>Graduated 1996</i>
<i>Amsterdam, The Netherlands</i>
<i>Graduated 1996</i> |
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Certifications

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

Languages

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