

# Stanislav Starishko

## Software Engineer

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Permit: Drive Licence, Category B | Legally authorised to work in the UK

### Professional Summary

Software Architect transitioning expertise into the future of AI-assisted engineering. I bridge the gap between high-level system architecture and practical, AI-driven implementation. With a background of delivering 55+ enterprise solutions (ERP, CRM, WMS) that yielded a **30% operational efficiency gain** and a **99.5% reduction in data sync time**, I now apply this same results-oriented mindset to modern development.

My core competency lies in Prompt-Driven Development: designing the architectural context and detailed prompts that guide **AI tools to generate** effective code, which I then refine, test, and optimise through manual review (**Human-in-the-Loop**). This methodology allows for rapid development without sacrificing quality.

Currently consolidating and certifying my skills in **Python, Java, AWS, and Node.js**. I am targeting teams that value innovative development practices, where I can contribute my design thinking and quickly grow into a key role, starting from a junior, apprenticeship, or mid-level position.

### Core Competencies

- **Rapid Learner & Adaptability:** Proven ability to quickly master new technologies and methodologies, effectively applying them to deliver tangible project outcomes
- **Analytical & Problem Solving:** Combines strategic thinking with a practical, hands-on approach to deconstruct complex challenges and engineer effective solutions
- **Agile Collaboration & Teamwork:** Skilled in working within team environments using Agile principles to contribute to customer-focused solutions and achieve shared goals
- **Crisis Management:** Adapts quickly and maintains focus under pressure to resolve urgent issues
- **Effective Communication:** Strong ability to articulate technical concepts clearly and collaborate effectively with both technical and non-technical team members
- **Meticulous Attention to Detail:** Ensures accuracy and precision in all stages of development, from code quality to project documentation

### Technical Expertise

- **Backend:** Python (FastAPI, Flask, Boto3, Pandas, NumPy, Matplotlib, Seaborn), Java (JavaFX), Node/Next.js (Express, CORS handling), Typescript, Delphi, C, C++, R, T-SQL, RESTful APIs, AWS (API Gateway, S3)
- **Frontend:** JavaScript, Typescript, HTML, CSS, TailWind, Bootstrap, JavaFX
- **Database Systems:** MSSQL, MySQL, PostgreSQL, SQLite, MongoDB
- **Architecture & Practices:** OOP, Modular Programming, MVC, SOLID, SDLC, TDD, BDD, Secure Coding, AsyncIO, Unit Testing
- **Tools & Platforms:** Git, Jira, Trello, Visual Studio Code, Linux
- **Methodologies:** Agile (Scrum, Kanban), Waterfall, optimising adaptability and resource allocation

### Career Highlights

#### Academic & Learning Milestones:

- With no prior experience, **learned Node.js, MongoDB, and Bootstrap** and **delivered** a working full-stack web app in **just two weeks**.
- Developed a **Python-based Heart Attack Risk Analysis Tool**, leveraging **Pandas** and **Matplotlib** to provide critical insights into patient data

#### Enterprise & Business Achievements:

- **Supported 900+ Retail Outlets:** Enhanced support software for 3,500+ users, **improved efficiency by 10%**
- **Database Optimisation:** **Reduced update** time across 280 MSSQL databases **by 98%**
- **Exceeded Milestones:** **Consistently surpassed** project milestones, delivered **results faster than projected**

#### Leadership & Team Building:

- **Project Leadership:** Delivered ERP, CRM, WMS, and TMS, focus on **technical execution** and **management**
- **Cross-Functional Coordination:** Aligned technical, analytical, and support teams to achieve financial, logistics, and procurement goals, **improved operational efficiency by 20%**
- **Promoted Best Practices:** Introduced TDD and BDD, improving code quality and **boosted team efficiency by 15%**

- **Team Development: Boosted team productivity by 10%** through mentoring, motivation, and fostering soft skills, increasing overall staff engagement

## Education & Certifications

- **HND in Software Engineering With Emerging Tech** | Glasgow Clyde College, UK | SCQF 8 | Aug 2024 - Present
- **PDA in Full Stack Development** | ITPT, UK | SCQF 8 | Jul 2024 – Mar 2025
- **PDA in Data Programming** | Code Division, UK | SCQF 8 | Jul 2024 – Aug 2024
- **PDA in Cyber Resilience** | Code Division, UK | SCQF 8 | Nov 2023 – Mar 2024
- **CyberOps Associate** | Cisco Networking Academy, UK | Nov 2023 – Mar 2024
- **PDA in Software Development** | Glasgow Clyde College, UK | SCQF 7 | Aug 2023 – Nov 2023
- **NPA in Software Development** | Glasgow Clyde College, UK | SCQF 6 | Apr 2023 – Jul 2023
- **NQ in Business Administration, Accounting and IT** | Glasgow Clyde College, UK | SCQF 4 | Jan 2023 – Jun 2023
- **Business Transformation** | Institute of Adizes, USA | MBA | Feb 2018 – Sep 2018

## Work Experience

### Chief Digital Transformation Officer

*EVOS | Tashkent, Uzbekistan | Sep 2021 – Feb 2022*

- 100% reduced tech debt within two months, improving system stability and reducing maintenance costs
- Increased HR process efficiency by 80% in ERP within 2.5 months

### Software Engineer

*Freelance | Dnipro, Ukraine | Nov 2019 – Aug 2021*

- Developed customised software solutions, enhancing financial reporting by 25%
- Designed high-performance applications, enhancing user experience across multiple clients
- Integrated secure data solutions and APIs, streamlining workflows

### Software Engineering Manager

*EVA | Dnipro, Ukraine | Oct 2018 – Nov 2019*

- Boosted team efficiency by 20% using Agile and hybrid methodologies
- Managed 10+ long-term projects (1 – 3 years), playing a key role in payment calendar creation
- Delivered 20+ short-term projects within six-month deadlines

### Software Engineering Manager

*Corporation Alef | Dnipro, Ukraine | Mar 2014 – Oct 2018*

- Enhanced support efficiency by 97%, reducing average response time from 7 – 10 days to 4 – 8 hours
- Executed an automation plan within a challenging 10-month timeframe

### Co-Owner/CEO

*Company Adeon | Dnipro, Ukraine | Feb 2007 – Mar 2014*

- Delivered 20+ large-scale projects using 1C, each under budget and within timelines
- Re-trained as a 1C (similar to Java, Python, C#, C++, Dynamics, Salesforce) developer from Delphi, C/C++

## Volunteer Experience

**Glasgow Film Theatre** | Glasgow, UK | Aug 2023 – Present

**Shaw Trust** | Glasgow, UK | Jun 2025 – Aug 2025

## Languages

**English:** Intermediate (B2) | **Ukrainian:** Native | **Russian:** Native

## Personal Interests

Generative AI, Cloud Platforms (AWS/Azure), CI/CD, Distributed Systems, React, Spring Boot, C#, .Net , WPF/XAML/UWP/MAUI, Jenkins/Gitlab, Kubernetes/OpenShift, TDD, Secure Coding, Personal Development, Travel (prefer non-tourist places)