Abel Ghebrezadik

Senior Software Engineer
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Profile

I have 9 years of commercial experience in FinTech, PropTech and HealthTech companies. I approach everyday challenges in a logical and methodical way to create efficient solutions. Early experience, being a team leader in hospitality and teaching, helped develop my communication and leadership skills, I have also stepped into Lead Developer roles when required. Initiative-taking, resilient, and fearless attitude, I am a self-taught developer. I learnt to code whilst working in financial services, keen on a more stimulating and challenging career. I am a mathematics graduate, analytical, methodical, and algorithmic by nature.

Technical Skills

Languages & Frameworks: C# .NET Core/Framework, Python, C++, Java, MSSQL, MySQL, Vue.js, React.js, Node.js, WinForms, WPF, Flutter, Go, NoSQL

Tools & Technologies: AWS, Microservices Architecture, REST APIs, Unit Testing, CI/CD, Agile Methodologies

Work Experience

NHS England │Python healthcare management application

Contracted as a Software Engineer (December 2024 – January 2025).

- Delivered a desktop application written in Python and Selenium to automate features in a 3rd Party healthcare application used nationwide by GPs.
- Purpose of the product was to automate a bulk creation and deletion of templates which removes a time & labor inefficiency in using 3rd Party software

Titanium Tutors │Algorithm tutor

Self-employed via Agency. Software Engineer Tutor (November 2024 –)

- Tutored university undergraduate student. Coding in Python, I taught algorithm theorems.
- Curated lessons to build self confidence in finding correct implementation for algorithms.
- Goal was to pass technical tests for internships.

Fvtvre │.NET 8 microservice platform, B2B property management product

Equity based ownership model. Senior Software Engineer (April 2024 – July 2024)

- Developed a .NET 8 microservice API and Vue.js frontend for property management.
- KSA based startup, we build a property management product and rolled it out to EJAR, the Saudi department of rent. The goal was to enhance their laborious inventory assessment of properties.

SalaryFinance │ .NET 6 microservices platform. B2B to B2C loan products and salary advancement

Permanent role as Senior Software Engineer (August 2021 – April 2024). Volunteered for redundancy as I wanted new challenge.

- Technical lead on critical project that saved the company millions in fines. 70/80 hours p/w for in October 2023. 50/70 hours for 3 months between September - December 2023.
- New feature development was blocked, a company OKR focus was to clear prod issues. I resolved 500+ prod issues in 6-months, creation date as far back as Sept 2021, completed issues in 80% less time than other engineer, met OLAs completion times and unblocked new feature development.
- Built new front-end features and back-end services features for customer ops to reduce raised no. of production issues
- Proactively applying root cause fixes to recurring issues in key microservices.
- Created and updated processes and playbooks to aid knowledge sharing.
- Mentored Junior Engineers and took on Lead Developer duties in the Lead's absence.

Optal (Wex)│.NET Framework monolith platform. B2B e-card payments for travel websites

Permanent role as Senior Software Engineer (May 2018 – April 2021). Sold in April 2021

- Developed WinForms/WPF desktop applications for accounts management system which reconciled, monitored, and settled.
- Monitored millions of daily transactions from travel websites Expedia and Booking.com reconciled with Ixaris and MasterCard data.
- Settled transactions across 50+ bank accounts in multiple currencies across 10 international Optal entities.

FDM Group | Graduate Scheme. Contracted to London Metal Exchange

Contracted as an IT Consultant (Junior Software Engineer) (May 2016 – May 2018)

- Built new functionality for existing applications in C++, Java and C#.
- Created a SOAP API for internal staff to retrieve company data.
- Scripted in variety of languages from Perl, PowerShell, Batch in archaic systems.
- Developed MIFID II regulatory reporting APIs in C# .NET, ensuring compliance with standards.

Education

University of Southampton | BSc Mathematics - 2:1 (2009 – 2013)
Woodhouse College | A-Levels: Mathematics (A), Economics (A), Sociology (B) (2007 – 2009)

Interests

In my spare time I create websites and applications for external ventures, DJing and creating mixes. I have also been known to enjoy a physical endurance challenge; Hackney Half, London Olympic triathlon, and Tough Mudder.