

# 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

### Software Engineer

**NHS England** - December 2024 to February 2025. Contract outside IR35.  
Python healthcare management application.

- Delivered a desktop application written in Python and Selenium to automate features in a 3<sup>rd</sup> 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 3<sup>rd</sup> Party software.

### Algorithm Tutor

**Titanium Tutors** - November 2024 to Present. Self-employed.

- 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.

### Senior Software Engineer

**Fvtvre** - April 2024 to July 2024. Equity-based ownership model.  
.NET 8 microservice platform, B2B property management product.

- 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.

### Senior Software Engineer

**SalaryFinance** - August 2021 to April 2024. Permanent role. Volunteered for redundancy as I wanted a new challenge.  
.NET 6 microservices platform. B2B to B2C loan products and salary advancement.

- 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 to 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.

## Abel Ghebrezadik

### Senior Software Engineer

**Optal** - May 2018 to April 2021. Permanent role. Sold to **Wex** in April 2021 and made redundant.  
.NET Framework monolith platform. B2B e-card payments for travel websites.

- 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.

### IT Consultant (Junior Software Engineer)

**FDM Group** - May 2016 to May 2018. Graduate scheme. Contracted to London Metal Exchange

- 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 | Bachelor of Science (BSc) in Mathematics - 2:1 | August 2009 – June 2013

Woodhouse College | A-Levels: Mathematics (A), Economics (A), Sociology (B) | August 2007 – June 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.