

# Tom Wood

07398 265120 | [tom@doowmot.com](mailto:tom@doowmot.com) | [doowmot.com](https://doowmot.com) | [linkedin.com/in/doowmot](https://linkedin.com/in/doowmot) | [github.com/doowmot](https://github.com/doowmot)

Finance professional with experience in mortgage products and FCA regulatory compliance. Now retraining as a software developer, building a technical toolkit that includes TypeScript, Python, and C# to solve the complex challenges encountered firsthand in the financial services industry.

## TECHNICAL EXPERIENCE & PROJECTS

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### **Mortgage Snapshot (In Progress)** | *TypeScript, React, Node.js, MongoDB*

- Currently developing a full-stack application designed to demystify the mortgage process for first-time buyers
- Architecting the project with a modern tech stack (TypeScript, React) to build a robust, scalable, and user-friendly tool
- The roadmap includes features such as affordability calculators, mortgage product comparisons, and data-driven tools to estimate additional costs and timelines

### **BeeBook (Facebook Clone)** | *C#, ASP.NET, PostgreSQL*

- Collaborated in a 5-person agile team across 3 sprint cycles to build a full-stack web application
- Gained practical experience implementing core features, such as a friend request system
- Practiced Test-Driven Development (TDD) principles and participated in regular code reviews

## EXPERIENCE

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### **Mortgage Advisor**

Jan. 2024 – Sep. 2024

*L&C Mortgages*

*Bath, UK*

- Managed a concurrent caseload of 20+ diverse clients, interpreting and applying complex FCA regulations to deliver suitable mortgage solutions
- Ensured 100% compliance by systematically analyzing lending criteria across 80+ mortgage lenders
- Experienced firsthand adviser and consumer pain points in the mortgage process, motivating a move into tech

### **Co-founder**

2020 – 2021

*ZigInvest*

*Staffordshire, UK*

- Co-founded a property sourcing platform to connect investors with qualified opportunities
- Engineered automated data-handling workflows and lead-generation systems using Notion, Zapier, and Excel
- Analyzed and optimized the end-to-end user journey to improve product-market fit

## EDUCATION

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### **Makers Academy**

London, UK

*Full Stack Software Development Bootcamp*

*Nov. 2024 – April 2025*

- Completed a 16-week immersive bootcamp on full-stack principles (Python, C#) and agile practices (TDD, pair programming, Git)

### **The London Institute of Banking & Finance**

London, UK

*Certificate in Mortgage Advice & Practice (CeMAP)*

*2023*

- Completed examinations in FCA regulations, mortgage law, lending products, and financial advice

### **Lancaster University**

Lancaster, UK

*Certificate of Higher Education (CertHE) in Computer Science*

*2017 – 2019*

- Completed Year 1 of BSc, building a foundation in Computer Science before pursuing an entrepreneurial opportunity

## TECHNICAL SKILLS

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**Languages:** TypeScript, Python, C#

**Frameworks/Libraries:** React, Node.js, ASP.NET, Flask

**Databases:** PostgreSQL, MongoDB

**Testing:** Pytest, NUnit, Jest

**Tools & Environments:** Git, GitHub, VS Code

**Practices:** Agile, TDD, Pair Programming

**Domain Knowledge:** FCA Regulations, Mortgage Products, Regulatory Compliance