

## Contact

[www.linkedin.com/in/crinabucur](https://www.linkedin.com/in/crinabucur)  
(LinkedIn)  
[github.com/crinabucur](https://github.com/crinabucur) (Other)

## Top Skills

C#  
OOP  
jQuery

## Languages

French (Limited Working)  
English (Native or Bilingual)  
Romanian (Native or Bilingual)  
Spanish (Limited Working)

## Certifications

Software Architecture: Domain-Driven Design  
Web Security: OAuth and OpenID Connect  
European Language Certificate - English C1  
Become a RESTful API Developer  
International English Language Testing System (IELTS Academic) BAND 8/9 - Very Good User

## Honors-Awards

Bioinformatics Contest 2018 - top 5% contestants  
Bioinformatics Contest 2021 - top 2% contestants

# Crina Cătălina Bucur

Engineering Lead at Moneybox | MSc. SWE, BSc. Computer Science | .NET  
London Area, United Kingdom

## Summary

I am a Software Engineering Lead with 13 years of full-stack development experience in the C# .NET ecosystem. I enjoy building meaningful products that offer seamless user experiences and are backed by robust, reliable systems. I have a BSc. in Computer Science and a MSc. in Software Engineering from the Faculty of Mathematics and Computer Science, University of Bucharest, one of the most prestigious higher education institutions in Romania. I am constantly building on top of my academic education, aiming to further improve every day.

## Experience

### Moneybox

4 years 5 months

#### Engineering Lead

August 2023 - Present (1 year 11 months)

London, England, United Kingdom

★ Spearheaded the Backend engineering efforts for the implementation and launch of Cash ISA - Moneybox's flagship product.

★ Squad delivery lead for one of the cross-functional squads

★ Reporting into the Platform Head of Engineering

#### Senior Software Engineer

February 2022 - August 2023 (1 year 7 months)

London, England, United Kingdom

★ As Moneybox was planning to offer ETFs as part of our investing proposition, I designed, built and deployed the automatic integration with the London Stock Exchange (LSEG)'s UnaVista for MiFID Transaction Reporting. The ETFs launch was the top priority project for the business at the time, having a lot of potential to drive additional AUA in the new year. From distilling regulatory documentation and handling all the low-level technical connectivity details (like IPs whitelisting, generating encrypted keys for SFTP access) to

orchestrating the live-proving and preempting deviations by building anomaly checks, I successfully delivered the integration to a tight deadline.

✧ Alongside my team, we delivered our customers the ability to invest in US equities.

Tech stack: C# 10, .NET 6 (.NET Core), WebApi, Blazor, Razor Pages, MediatR, Autofac, EF Core, SQL Server, Cosmos DB, Azure DevOps, EventHub, Hangfire

Tools: JetBrains Rider, GitHub, GitHub Actions, Datadog, TeamCity, Octopus, Rollbar, Jira

## Software Engineer

February 2021 - January 2022 (1 year)

London, England, United Kingdom

My role sits within the Investment Platform team - at the business core - where trading and all the other financial movements happen. Having developed our own financial ledger system for managing our customers' assets gives us a competitive edge, allowing us to engineer solutions in a more integrated way and respond quickly and effectively to opportunities and change.

## Housatonic Software

9 years 4 months

### Senior Software Engineer

January 2018 - February 2021 (3 years 2 months)

Remote

✧ Full-stack development to extend the existing Project Management applications for desktop (flagship product) and web with new modules and features.

✧ Specialized in consuming REST APIs and OAuth 2.0, becoming the go-to person for this.

✧ Implemented Windows File Explorer / MacOS Finder-equivalent dialogs for listing, sorting and searching files retrieved from cloud storages (operations performed on separate threads, instant search results, seamless navigation).

✧ Reverse engineered several data blocks in Microsoft's MPP file format for compatibility.

✧ Involvement in the entire software development lifecycle, from requirements gathering to sign-off.

✧ Coordinated development projects, gave presentations and did code reviews.

✧ Mentored junior members and helped them integrate into our team.

Tech stack: C#, .NET (.NET Framework), Ajax, jQuery, MVC, Web Api, Win Forms, Web Forms, OAuth, Xamarin.Mac

Tools: Visual Studio, BitBucket, Jenkins, SharePoint, Microsoft Project

### Technical Product Owner

February 2019 - January 2020 (1 year)

Remote

✧ I assumed product ownership and leadership responsibilities, liaising between the CEO and the Windows / Web development and QA teams.

✧ I was responsible for the timely delivery and quality of our monthly releases.

✧ I was in charge of shaping the product roadmap, planning and project management to ensure we delivered valuable features and addressed key fixes with high priority.

### Software Engineer

January 2015 - December 2017 (3 years)

Remote

### Junior Software Engineer

November 2011 - December 2014 (3 years 2 months)

Remote

In this position I learned the basics of C# .NET programming, developed my work ethic and quickly became one of the key members in our team, due to hard work, dedication and understanding of business logic.

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## Education

### University of Bucharest

Master's Degree, Computer Software Engineering · (2011 - 2013)

### University of Bucharest

Bachelor's Degree, Computer Science · (2008 - 2011)

### "Gheorghe Lazăr" National College in Bucharest

High School Diploma, Mathematics, Informatics · (2004 - 2008)