

GABRIELA BUDEANU

Senior Software Engineer experienced in backend focused engineering roles, with solid analytical and research skills, having in the past worked in finance, as investment analyst & manager.

Product-minded engineer adept at aligning technical solutions with business objectives in dynamic, fast-paced environments. I am a strong communicator, skilled at interacting across all organisational levels and with great attention to detail.

[Rnwl - Senior Software Engineer](#)

May 2022 to Jan 2025, Cambridge remote

- Designed and developed the core API as part of an insurTech startup team. Implemented the Node.js services in a microservices style architecture using Typescript.
- Delivered on all areas of the backend API, ranging from authentication service to implementing a RabbitMQ message broker, to unit and API integration testing.
- Collaborated with peers on finding the best architectural framework for maintaining a reliable and scalable API.
- In charge of deployment of services as Docker containers using AWS ECS and automating workflows through robust CI/CD pipelines.

[Maternity leave](#)

Apr 2021 to Apr 2022

[Paybase - Software Engineer](#)

Apr 2019 to Apr 2021, London on-site

- Worked on improving the payments API written in Node.js, but also performed large code overhauls, such as a new approach to the authorisation service.
- Wrote tests using Tape - unit testing, Cucumber - End to End API, Cypress JS - front end automation.
- Used databases such as ArangoDB, RethinkDB, PostgreSQL and frontend technologies such as React and GraphQL.
- Further technologies include gRPC using Protocol Buffers.

[Motive Create - Software Engineer](#)

Jan 2018 to Mar 2019, London on-site

- Worked on core backend infrastructure for a digital banking app using Node.js in a microservices oriented architecture.
- Built restful Web APIs using Django - eg. built a personal data vault which aggregates data from third party providers (Open Banking API such as Monzo or Salt Edge) and offers insights to the user.
- Further technologies used include Docker, Kubernetes and AWS.

[Bloomberg LP / Legal & General Investment Management / Raiffeisen Bank - Fixed Income Analyst & Investment Manager](#)

2010 to 2017 London & Bucharest

- Managed the bank's liquidity buffer portfolio comprised mainly of government and supranational bonds (EUR 700mn under management), while maximising total return.
- Developed great competency in cash bond valuations, interest rate products, quantitative modelling and Bloomberg Excel API solution.

CONTACT

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[LinkedIn](#)

[Github](#)

SKILLS

Javascript, Typescript, Node.js

Python

Ruby, Ruby on Rails

JS testing: Jest, Tape, Cucumber,

Mocha, Chai

Front End: React, GraphQL

MySQL, PostgreSQL, ArangoDB

Docker, Kubernetes, AWS

Agile Methodologies, TDD

CI/CD

EDUCATION

Makers Academy, London

2017-2018

A full time onsite software engineering bootcamp, lasting 16 weeks, that immerses you in the foundations of modern software engineering.

MSc International Finance and Development

SOAS University of London

Distinction

BSc Finance and Banking

Bucharest Academy of Economic Studies

First Class

Tudor Vianu National College of Computer Science, Bucharest

Baccalaureate

LANGUAGES

Romanian - Native

English - Native proficiency

German - Intermediate

HOBBIES

Snowboarding

Swimming