

Personal Profile

I am a Software engineer based in Hemsworth, UK. I am enthusiastic about everything I do, I behave well under pressure, and I am passionate about excellence. I can acquire and apply knowledge fast, and I adapt quickly to any situation. I have over three years of commercial functional scala experience in various firms, working in data-intensive event-sourced and distributed systems. My hobbies include interest in Mathematics, Physics and Functional programming.

Core Skills

- Typelevel Scala
- Akka
- Neo4J
- Fs2
- MongoDB,Elastic,Solr
- Docker
- Kafka
- PostgreSQL
- AWS

Career Summary

6/2021 - present Software Engineer
GB Group Plc

Role outline

As a software engineer at GBG, i am working on the 'Investigate' Product, providing identity identification, location intelligence and fraud prevention on B2B clients around the world

5/2020 - 6/2021 Software Engineer
J Sainsburys PLC - Sainsburys Tech

Role outline

Supporting the unified pricing and promotions system of the Sainsburys Group, a event-sourced data-intensive distributed system, Extensive use of Kafka,Akka,Fs2 as well as various Typelevel libraries

2/2019 - 5/2020 Ascociate Software Engineer
TALOS Software LTD

Role outline

As an ascociate software engineer at TALOS, i worked extensively on the companys biggest product yet, 'Simply-book', mainly around the backend system. Use of Scala play, Typelevel Scala, Akka as well as Cypress/Gatling for testing purposes

10/2018 - 2/2019 Research Assistant
University of Reading

Role outline

Developing customized filesystem solutions for High- performance computers using FUSE(ESIWACE Project), extensive use of C, Python, and non relational databases such as MongoDB and ElasticSearch

Dinstictions

2018 **AIIA Low Latency Video Streaming Challenge 2018 (1st)**
Aristotle University of Thessaloniki, Greece

Role outline

Developing a customized solution for ICARUS LAB experimental surveillance drones, transferring real-time video and telemetry data with minimal latency, the end-result, alanStreamer was written using C++, C, QT, gstream

2016 **International Open Bidding Competition 2016 (Team 2nd)**
Organiser : Université Sorbonne Paris Nord, France

Role outline

Functional prototype of a web information system while meeting all requirements set by a project committee, Extensive use of PHP, HTML/CSS, Node.js and MySQL

2015 **28th National Information Technology Competition (30th place, Finals)**
Organiser : National Technical University of Athens

Role outline

Greece's national algorithmic student competition, finishing at 30th place (final stage), nation-wide, Various problems focused on Dynamic Programming, Minimum Spanning Trees and various number-theory related algorithms

Interesting Projects

2016 **DFS** (Dummy File System, C and Linux Kernel 4.0.X)

2016 **SScheduler** (Stefano's Scheduler, simple linux scheduler implementation for kernel 4.X)

2018 **'Java for the few'(Book)** (Worked on 3 chapters, Book is used on 2 universities (Uniwa, AUEB))

Education

2018-2022 **Bsc Computer Science**
University of Reading

Role outline

- First Class Degree
- Dissertation: An AI-assisted decision making system for thyroid nodule classification