Michael Stainer

MOBILE SOFTWARE ENGINEER

Details

Bournemouth, UK
+(44) 07891527668
stainer1998@gmail.com

Links

Portfolio

LinkedIn

Software Skills

Android (Java, Kotlin, Jetpack Compose)

Flutter (Dart)

Firebase (Firestore, Authentication)

C#, C++, WPF

.NET Framework

Clean Architecture

REST APIs

Python

Git, GitHub, Azure DevOps

Agile Development, JIRA, Kanban Board

Languages

English

Thai

Profile

Experienced Software Engineer with a background in mobile and desktop software development. I have worked on projects at Johnson Controls, where I gained hands-on experience in software engineering. Additionally, I completed internships at fethr and Johnson Controls, where I further developed my technical skills. As a Mobile Software Engineer, I am skilled in various programming languages and have a passion for creating innovative mobile applications. I am now seeking a mobile software engineering role where I can continue to learn and grow with an experienced team.

Employment History

Software Engineer, Johnson Controls (Office Closed)
SEPTEMBER 2021 — MARCH 2024

As a Software Engineer at Johnson Controls, I was responsible for the design, development, and maintenance of a safety-critical software application.

- Collaborated with a global team of 20+ colleagues, both in-house and remote to analyse requirements and design solutions in an Agile manner.
- Independently built a fire panel testing suite for our team which improved productivity by 10% and prevented bottlenecks during hardware shortages.
- Semi-finalist in the tech challenge event for the development of a mobile application used as a remote user interface for controlling a fire panel.
- Peer reviewed and tested code to ensure the codebase adhered to the coding guidelines and standards.

Mobile Software Engineering Intern, fethr
MARCH 2021 — AUGUST 2021

- One of three engineers contributing to the development of a Flutter mobile application, turning Figma designs into Flutter code and implementing the required business logic.
- Assisted a senior engineer in the development and deployment of Firebase cloud functions written in TypeScript.
- Developed in-house Python scripts to automate menial tasks to increase the teams overall velocity.

Software Engineering Intern, Johnson Controls
JULY 2019 — AUGUST 2020

- Independently ported an outdated desktop application over to a more modern Android mobile application with increased functionalities. This helped to increase the productivity of engineers by allowing them to debug fire alarm systems more easily and share error logs to product support.
- Sole developer of a full stack mobile and web application written in Flutter, Node.js (Express.js), MongoDB and React.
- Collaborated with a senior principal engineer to brainstorm and implement ideas into the mobile applications development.

Education

BSc Computer Science, University of Surrey, Guildford, UK
SEPTEMBER 2019 — JUNE 2021

BSc Computer Science (First Class Honours)

References

References available upon request