

Fahid Mohammed

Email: fahid.r.mohammed@bath.edu

Mobile: +447518905684

Full-stack Developer | AI Researcher (PhD) | iOS Developer

I am a full-stack developer with experience in a number of sectors such as the industry, academia and bootcamps. This has enabled me to gain good communication and collaboration skills especially in multi-disciplinary settings. I primarily code in Python, Swift and JavaScript these days and have experience with building embedded systems, mobile apps (links to some published apps below), desktop apps and web services. Below, I have highlighted my previous relevant roles and their tech stack, relevant skills and education for your consideration.

Previous Relevant Roles

- Haema (haema.co): Founding Engineer [2023 - 2025] *stack: Swift/SwiftUI, python, postgresSQL, Swagger, Typescript, PostHog, Git/GitHub, Xcode Cloud, Docker, FastAPI*
- Yokeru (yokeru.ai): AI Developer [2023 - 2024] *stack: NodeJS, Bubble.io, Javascript, Python, rainforestQA, Swagger, Git*
- Synkd: Casual Software Developer [2022 - 2023] *stack: React, Typescript, GraphQL, Docker*
- CodeFirstGirls: Python Instructor [2022] *stack: Python*
- University of Bath: Co-supervisor [2021] *stack: Python*
- SkillsUnion: Software Engineering Instructor [2021 - 2022] *stack: React, Express/NodeJS, MongoDB, Python, Dash, Swagger, Docker*
- University of Bath: Teaching Assistant [2018 - 2023] *stack: Java, C, Python*
- University of Bath: Researcher [2018 - 2024] *stack: Java, Python, Javascript, Docker, Dash*
- eHealth: Software Developer [2017 - 2018] *stack: Python, Express/NodeJS, Django, ReactNative, React, Swagger, Docker, ELK Stack,*
- ECNX: Software Developer [2016 - 2017] *stack: Python, AngularJS, jQuery, PHP*

In my research role, I use python to implement ML models and tools for my research as well as that of those I collaborate with.

Education

University of Bath

- MSc Software Systems
- PhD Computer Science (Research: Transparency in Multi-agent systems): awaiting outcome

Relevant Skills

- APIs: FastAPI, GraphQL, Rest API, Swagger API doc tool
- Backend Frameworks: Flask, ExpressJS/NodeJS
- Databases and services: MySQL, PostgreSQL, CouchDB, MongoDB, Firebase, Supabase
- Front End: React, Angular JS1, jQuery
- Mobile: Swift/SwiftUI, UIKit, ReactNative, Android Dev with Java
 - My first Published swift app here: <https://apps.apple.com/gb/app/haema/id6505026538>
 - One of my published android apps here: https://play.google.com/store/apps/details?id=com.lomis&pcampaignid=web_share
- Others: CI/CD using Gitlab CI, Dash, Docker, Git/GitHub