

Software Architect

- Analysis of business requirements to produce a software architectures
- Improve developer experience and deliver business value

Confident Communicator

- Cross-organisation projects with national health services and software suppliers.
- Work closely with other business functions including Product, Frontend and Business Development

Good at Early Stage Start-ups

- Was a founding member of Cyted's engineering team
- Passion for healthy company culture and building teams from the ground up

Technology and Tooling

- Rust, Kotlin, Databases (PostgreSQL), AWS, Terraform, OpenAPI, Docker, HL7 FHIR, Messaging and Distributed Systems
- Asana, Jira and Confluence, Git and Github, ADRs

Team Leader

- Taken responsibility for new projects in young teams
- Facilitated stuff e.t.c
- Responsible for interviewing candidates

Experienced in Agile Projects

- Experience of working in both Scrum and Kanban projects at various stages in the project lifecycle
- Experience of Agile tooling
- Worked with users directly to collect feedback

Quality Management

- Experience in developing process to enable ISO62304 certification
- Certified in Risk Management

Employment and Experience

Senior Software Engineer Cyted

July 2020 - Present

- Led implementation of sample management application for Cyted's newly purchased lab.
- Contributed to the SDLC definition for SaMD development
- Led domain modeling activities as part of company strategy
- Worked directly with CEO and SMT to produce investor deck (for 40M investment)
- Initiated and successfully handed off national integration project
- Designed critical business infrastructure to enable scaling of processes
- Implemented processes to improve workflow (ADRs, OpenAPI, e.t.c.)

Software Engineer Zeit.dev

September 2019 - July 2020

- Given ownership of Facebook Ads service
- Developed an app using Elm.

Software Developer eLife Sciences

April 2019 - September 2019

- Typescript not Javascript (for all engineering teams)
- Software architecture and messaging systems
- Rapid prototyping
- LEAN Agile process

Junior Web Developer Repositive

June 2018 - April 2019

- Single handed react application for a conference, built quickly and under pressure
- Developed microservices using Typescript
- Implemented features in the search subsystem using Elasticsearch, replaced large components of the search subsystem using a novel graph database approach

Academic Qualifications: Computer Science BSc, 2020, University of Essex.