

ashleytjallen@gmail.com

Ashley Allen

London, United Kingdom
github.com/atjallen

Detail-oriented and passionate software engineer with 3+ years of experience working with complex backend and frontend systems in a variety of contexts

Technical Skills

- **Languages:** Go, TypeScript, JavaScript, SQL, HTML, CSS, Python, Java, C
- **Tools/Libraries:** git, VS Code, GitHub, React, Next.js, Node.js, Docker, Kubernetes, Postgres, ArangoDB, gRPC, Bash, Redis
- **Knowledge:** Software Engineering Principles, Agile, Algorithms, System Architecture, Project Planning, Project Management, RESTful APIs

Work

Software Engineer

Thirdfort

October 2021 – Present

London, UK

Keywords: Go, TypeScript, React, Postgres, ArangoDB, Express, Docker, Puppeteer, REST, full-stack, databases, Agile, code reviews, unit testing, CI/CD, startup

Worked as a full-stack engineer on a diverse range of projects in the identity and background checking space for the property and adjacent industries.

- Lead the development of a tool to generate PDF summary reports using TypeScript, Puppeteer, and React, which succeeded in revamping our report style and reducing load on a separate core component.
- Co-lead the development of a system to extract data from documents using Go, gRPC, and Postgres and a third-party provider that succeeded in largely automating a previously manual process and innovating in the space.
- Contributed significantly to improving code quality and engineering standards at the company, both through encouraging clean and simple code, thorough documentation, and dedicating time for reclaiming technical debt as well as personally contributing many refactoring and bugfixes to various components.

Software Engineering Intern

Thirdfort

Summer 2019

London, UK

Worked as part of the core development team of an early-stage startup (~10 people) to quickly iterate on features and ideas that helped the company to break into the market.

Education

University College London

MEng Mathematical Computation (aka Computer Science with Maths)

2017 – 2021

London, UK

First-class honours (80%)

Interests

Climbing, Cinema, Football, Music, Cycling, Hobby Programming, Board Games, Learning Japanese, Playing Piano