

Ethan Clarke

Software Engineer

Cambridge | 07700 900107 | ethan.clarke@example.com | github.com/ethan-clarke-example

Profile

Software engineer with five years' experience building and operating TypeScript and Python services for logistics teams. Strong in API design, automated testing, observability and pragmatic delivery with product colleagues. Seeking a backend-focused role working on reliable systems with clear user value.

Technical skills

Languages: TypeScript, Python, SQL, JavaScript

Frameworks: Node.js, Express, FastAPI, React

Data and infrastructure: PostgreSQL, Redis, Docker, AWS, GitHub Actions

Practices: REST APIs, automated testing, code review, monitoring and incident follow-up

Experience

Software Engineer | ParcelNorth Systems, Cambridge | April 2023–present

- Designed a TypeScript service that validates dispatch requests and returns actionable errors to warehouse users.
- Reduced p95 API response time from 820ms to 310ms by profiling queries, adding targeted indexes and removing duplicate reads.
- Added service-level dashboards and alert runbooks; helped cut average investigation time during support incidents.
- Pair with product managers and warehouse staff to test workflow changes before release.
- Review code and mentor two graduate engineers on testing and incremental delivery.

Junior Software Developer | Birchline Software, Remote | September 2021–March 2023

- Built Python integrations that reconciled courier status updates for small retailers.
- Added contract tests around three external APIs, reducing recurring regressions after provider changes.
- Improved the deployment checklist and took part in an on-call rota with senior support.

Selected project

QueueScope | Personal project | 2025–present

- Built an open-source dashboard for inspecting background-job retries using FastAPI, React and PostgreSQL.
- Wrote setup documentation, accessibility checks and a small example dataset so contributors can run it locally.
- Source: github.com/ethan-clarke-example/queuescope

Education

BSc (Hons) Computer Science, 2:1 | Fenbridge University | 2018–2021

AWS Certified Developer – Associate | 2024

Additional information

Eligible to work in the UK.