DIEGO LEWIS

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SUMMARY OF QUALIFICATIONS

- Backend engineer who likes small, well-tested services and clear runbooks.
- Experience across 4 employers, most recently as Senior Software Engineer at Fennel Pay.
- Comfortable owning a service end to end: design, build, deploy and on-call.
- Known for clear communication with colleagues and for following work through to the end.

EDUCATION

University of Amsterdam — **Amsterdam**
BSc Computer Science — *2020*

PROFESSIONAL EXPERIENCE

Fennel Pay — **London**
Senior Software Engineer — *Apr 2025 – Present*

- Wrote integration tests and contract tests; raised coverage on the core service from 41% to 78%.
- Wrote the design doc for the new search service and ran the review with three teams.
- Reviewed pull requests daily and kept the team style guide up to date.
- Reduced cloud spend on staging by shutting down idle environments overnight.
- Ran on-call for the payments platform and wrote the incident runbooks the team still uses.
- Ran the MySQL cluster behind the customer portal, including backups and upgrades.
- Recruitment drive volunteer: put up posters at the job centre.

Lumen Health Tech — **London**
Software Engineer — *Nov 2023 – Jan 2025*

- Paired with the security team to remove secrets from config and rotate keys automatically.
- Built and maintained REST APIs used by 25 internal teams and two mobile apps.
- Added structured logging and tracing so incidents could be traced across services in minutes.
- Built a feature-flag system so risky changes could be switched off without a deploy.

Brightwave Systems — **London**
Junior Software Engineer — *Oct 2022 – Sept 2023*

- Cut p95 response time on the checkout service from 900 ms to 240 ms by reworking queries and caching.
- Mentored two junior engineers through their first production releases.
- Led the move of three services from a shared monolith into independently deployed services.

Brightwave Systems — **London**
Junior Software Engineer — *Apr 2021 – Oct 2022*

- Worked with product managers to break large features into weekly releases.
- Automated database migrations in CI so releases no longer needed a maintenance window.

PROJECTS

Open-source rate limiter library (side project)

- Planned and delivered it alongside day-to-day work, with a written plan and agreed success measures.
- Shared the results with the wider team and kept the documentation up to date.

Hackathon: real-time bus tracker

- Planned and delivered it alongside day-to-day work, with a written plan and agreed success measures.
- Shared the results with the wider team and kept the documentation up to date.

TECHNICAL SKILLS

Languages & tools: Go, Python 3.12
General: Git, Docker, Linux, REST APIs, CI/CD
Languages: English (Fluent)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Scrum Fundamentals

EXTRA-CURRICULAR ACTIVITIES

- Organiser of a monthly running club with around 30 members.
- Mentor for a school careers programme, helping students with CVs and mock interviews.

REFERENCE

Esther Brennan
HR Director, Copperline Software
Contact: esther@example.com