YASMIN MAHMOUD

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SUMMARY OF QUALIFICATIONS

- Backend engineer who likes small, well-tested services and clear runbooks.
- Experience across 3 employers, most recently as Senior Backend Engineer at Copperline Software.
- 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

Sheffield Hallam University — **Sheffield**
BSc Computer Science — *2017*

PROFESSIONAL EXPERIENCE

Copperline Software — **Lisbon**
Senior Backend Engineer — *Mar 2025 – Present*

- Built and maintained REST APIs used by 35 internal teams and two mobile apps.
- Mentored two junior engineers through their first production releases.
- Reduced cloud spend on staging by shutting down idle environments overnight.
- Wrote integration tests and contract tests; raised coverage on the core service from 41% to 78%.

Fennel Pay — **Lisbon**
Backend Engineer — *Apr 2023 – Jan 2025*

- Wrote the design doc for the new search service and ran the review with three teams.
- Cut p95 response time on the checkout service from 900 ms to 240 ms by reworking queries and caching.
- Worked with product managers to break large features into weekly releases.
- Added structured logging and tracing so incidents could be traced across services in minutes.

Fennel Pay — **Lisbon**
Backend Developer — *Dec 2020 – Mar 2023*

- Paired with the security team to remove secrets from config and rotate keys automatically.
- Automated database migrations in CI so releases no longer needed a maintenance window.
- Built an internal CLI that cut new-engineer setup from a day to an hour.

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: Neon Postgres, Java, Node.js
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

Hannah Dubois
Engineering Manager, Kestrel Cloud
Contact: hannah@example.com