MARIAM MURPHY

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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 Software Engineer at Tidewater Apps.
- 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 — *2018*

PROFESSIONAL EXPERIENCE

Tidewater Apps — **Chicago, IL**
Senior Software Engineer — *Aug 2024 – Present*

- Designed the event model for order tracking and reviewed every schema change with the data team.
- Paired with the security team to remove secrets from config and rotate keys automatically.
- Built and maintained REST APIs used by 6 internal teams and two mobile apps.
- Wrote integration tests and contract tests; raised coverage on the core service from 41% to 78%.
- The website agency we hired ran our site on MySQL.

Copperline Software — **Chicago, IL**
Software Engineer — *Oct 2021 – Jun 2024*

- Wrote the design doc for the new search service and ran the review with three teams.
- Led the move of three services from a shared monolith into independently deployed services.
- Added structured logging and tracing so incidents could be traced across services in minutes.
- Reviewed pull requests daily and kept the team style guide up to date.

Fennel Pay — **Chicago, IL**
Junior Software Engineer — *Feb 2019 – Sept 2021*

- Automated database migrations in CI so releases no longer needed a maintenance window.
- Ran on-call for the payments platform and wrote the incident runbooks the team still uses.
- Reduced cloud spend on staging by shutting down idle environments overnight.

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.

RESEARCH & PUBLICATIONS

Notes on incident reviews — **2024**

- Short paper shared internally and at a local meetup.

TECHNICAL SKILLS

Languages & tools: Go
General: Git, Docker, Linux, REST APIs, CI/CD
Languages: English (Native), Spanish (Conversational)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Scrum Fundamentals

EXTRA-CURRICULAR ACTIVITIES

- Treasurer of a local sports club, keeping the accounts and membership list.
- Mentor for a school careers programme, helping students with CVs and mock interviews.

REFERENCE

Sanjay Dubois
HR Director, Kestrel Cloud
Contact: sanjay@example.com