DARA 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 Harbor Analytics.
- 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 — *2018*

PROFESSIONAL EXPERIENCE

Harbor Analytics — **London**
Senior Backend Engineer — *May 2024 – Present*

- Built a feature-flag system so risky changes could be switched off without a deploy.
- Built an internal CLI that cut new-engineer setup from a day to an hour.
- Led the move of three services from a shared monolith into independently deployed services.
- Paired with the security team to remove secrets from config and rotate keys automatically.
- Added structured logging and tracing so incidents could be traced across services in minutes.
- Ran the MySQL cluster behind the customer portal, including backups and upgrades.

Tidewater Apps — **London**
Backend Engineer — *Oct 2021 – May 2024*

- 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.
- Mentored two junior engineers through their first production releases.
- Reduced cloud spend on staging by shutting down idle environments overnight.

Orchard Commerce — **London**
Backend Developer — *Jul 2019 – Aug 2021*

- Worked with product managers to break large features into weekly releases.
- Built and maintained REST APIs used by 46 internal teams and two mobile apps.
- Ran on-call for the payments platform and wrote the incident runbooks the team still uses.

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: Javva
General: Git, Docker, Linux, REST APIs, CI/CD
Languages: English (Fluent)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Scrum Fundamentals

EXTRA-CURRICULAR ACTIVITIES

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

REFERENCE

Samuel Abbott
Head of Operations, Tidewater Apps
Contact: samuel@example.com