

# Aisha Patel

## Backend Software Engineer | Node.js, APIs & Billing Systems

Sydney, NSW · +61 491 570 156 · aisha.patel@example.com · linkedin.com/in/aisha-patel

### SUMMARY

Backend software engineer with six years of experience building TypeScript services for subscription billing and e-commerce. Works on the parts of a product where correctness matters most: invoices, payment webhooks, reconciliation and the APIs other teams depend on. Writes design documents and rollout plans before large changes, and mentors engineers into on-call and service ownership.

### SKILLS

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Languages       | TypeScript, JavaScript, SQL, Python for scripting                                         |
| Back end        | Node.js, REST and GraphQL APIs, PostgreSQL, Redis, AWS SQS and Lambda                     |
| Reliability     | OpenTelemetry, Datadog, Contract testing (Pact), Incident response, Performance profiling |
| Ways of working | Design documents, Code review, Mentoring, Agile delivery                                  |

### EXPERIENCE

#### Backend Software Engineer Mar 2022 – Present

Tiderow · Sydney, NSW

Billing platform team of seven engineers; owns the invoicing, entitlements and webhook services.

- Reworked the invoice API query plan and caching layer, reducing p95 latency from 820 ms to 460 ms across about 1.6 million requests a month.
- Moved webhook delivery to a queue-based worker with retries and a dead-letter queue; failed deliveries needing manual replay dropped from about 40 a week to three.
- Introduced consumer-driven contract tests between billing and the entitlements service, which caught 11 breaking changes before release in the first two quarters.
- Wrote the design document and rollout plan for moving 38,000 accounts to usage-based invoices, including two cycles of shadow billing that compared old and new invoices line by line.
- Added structured logging and trace context to the invoice and webhook services, cutting the median time to find a failing request during incidents from about 25 minutes to six.
- Mentored two engineers through their first on-call rotations, pairing on incident reviews and runbook updates.

Tools: TypeScript, Node.js, PostgreSQL, Redis, AWS SQS, OpenTelemetry, Datadog

#### Software Engineer Feb 2021 – Feb 2022

Corella Commerce · Sydney, NSW

Order management team at an e-commerce platform used by about 2,000 independent retailers.

- Built reconciliation workers that match payment provider settlements to orders, saving the finance team about 18 hours of manual corrections a month.

### Software Engineer · Corella Commerce (continued)

- Moved the public orders API to a versioned OpenAPI contract with generated client SDKs and a repeatable integration test suite.
- Cut the nightly order export from 3 hours 10 minutes to 48 minutes by batching queries and adding two composite indexes.
- Took part in the checkout and orders on-call rotation and led three post-incident reviews.

Tools: JavaScript, Node.js, PostgreSQL, OpenAPI, GitHub Actions

### Graduate Software Engineer

Feb 2020 – Jan 2021

Corella Commerce · Sydney, NSW

Graduate program with rotations through the checkout and order management teams.

- Built the retailer-facing refund status page in React and the Node.js endpoint behind it.
- Joined the checkout on-call rotation after six months as first responder, with a senior engineer as escalation.

## EDUCATION

---

### Bachelor of Information Technology

Feb 2016 – Nov 2019

University of Technology Sydney · Software development major

- Final-year project: a load-testing toolkit for REST APIs built with k6 and Grafana.

## CERTIFICATIONS

---

- AWS Certified Developer – Associate, 2023