JULIAN MERCER

SENIOR FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9+ years owning features from database schema to polished interface in TypeScript, React, and Node.js. Balances product speed with maintainable architecture, and raises team standards through reviews and pairing.

CORE SKILLS

TypeScript | React | Node.js | PostgreSQL | GraphQL | REST API design | WebSockets | Playwright | Next.js | System design | CI/CD | AWS | Database modeling | Code review

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer Mar 2023 - Present
Notion, San Francisco, CA

- Owned the full-stack build of a workspace-permissions overhaul in React, Node.js, and PostgreSQL, used by 1.2M workspaces.
- Cut permission-check latency 44% by redesigning cached access lookups and eliminating redundant API calls.
- Introduced end-to-end tests in Playwright for critical sharing flows, reducing escaped regressions 36%.
- Mentored three engineers on API design and database modeling through weekly pairing sessions, with two later owning features independently.

Full Stack Developer Jun 2021 - Feb 2023
Shopify, Toronto, ON

- Built merchant analytics features across Rails APIs and a React front end, adopted by 140K stores in the first year.
- Migrated a legacy jQuery admin page to React and GraphQL, shortening initial load from 4.1 to 1.8 seconds.
- Implemented background reporting jobs with idempotent retries, eliminating duplicate emails for weekly summaries.
- Worked with designers on component states and empty views, decreasing support questions about reports 19%.

Full Stack Developer Aug 2019 - May 2021
Wealthsimple, Toronto, ON

- Developed account-funding screens and Node.js services, supporting 2x user growth over two years.
- Added input validation and audit logging to onboarding flows, passing internal security review without rework.
- Improved CI pipeline speed from 22 to 11 minutes by parallelizing test suites and caching dependencies.

Software Developer Jul 2017 - Jul 2019
Hootsuite, Vancouver, BC

- Built React components and Node.js endpoints for a post-scheduling calendar, reducing abandoned drafts by 12%.
- Added a metrics endpoint and Grafana dashboard for the scheduling service, helping the team spot slow requests before customers reported them.
- Replaced polling with WebSocket updates for team inbox counts, cutting redundant API calls by about a third.
- Wrote Jest and Mocha tests for new services, raising module coverage from 48% to 80%.

EDUCATION

B.Sc. in Computer Science, McGill University, Montreal, QC

CERTIFICATIONS

AWS Certified Developer - Associate | Professional Scrum Developer (PSD I)