JULIAN MERCER

NODE.JS FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Node.js Full Stack Developer with 8+ years building JavaScript products end to end at Shopify, Atlassian, and Zendesk. Pairs Express and NestJS back ends with React front ends, and keeps one TypeScript codebase readable from the database to the browser.

CORE SKILLS

Node.js | TypeScript | Express | NestJS | React | Next.js | GraphQL | MongoDB | PostgreSQL | Redis | BullMQ | WebSockets | Docker | Jest | Cypress | GitHub Actions

PROFESSIONAL EXPERIENCE

Full Stack Developer Mar 2022 - Present
Shopify, New York, NY

- Built a merchant returns portal on Node.js, GraphQL, and React that handled 90,000 return requests a month and lowered related support contacts by 19%.
- Shared TypeScript types between the NestJS API and the React client, which removed a recurring class of payload mismatch bugs during weekly releases.
- Moved image resizing and email jobs onto BullMQ workers with retries, bringing checkout page response time down by a fifth during sale weekends.
- Added server-side rendering to the storefront admin pages and trimmed time to first content from 3.1 to 1.9 seconds on mid-range laptops.
- Mentored two newer developers through their first API endpoints, reviewing pull requests and pairing on tests until both owned services of their own.

Software Developer Jan 2020 - Feb 2022
Atlassian, San Francisco, CA

- Developed Express services and a React board view for a Trello automation feature that reached 400,000 active boards within two quarters of launch.
- Replaced polling with WebSocket updates on shared boards, which cut redundant requests by 60% and made card changes appear to teammates almost instantly.
- Wrote Cypress and Jest suites covering card creation and permissions, reducing escaped front end defects by roughly a third over the following year.
- Containerized three services with Docker and moved them to an automated pipeline, shortening the path from merged code to production from two days to four hours.
- Worked with a designer on accessible keyboard navigation for board lists, clearing a backlog of 25 reported accessibility issues.

Junior Web Developer Aug 2018 - Dec 2019
Zendesk, Oakland, CA

- Maintained a Node.js and MongoDB help center search service used by 6,000 customer accounts, fixing slow queries that had caused timeouts at peak hours.
- Built an admin screen in React for managing macros and triggers, cutting the time support leads spent on routine edits by about 30%.
- Added input validation and rate limiting to public endpoints after a security review, closing eight findings before the quarterly audit.
- Documented local setup and API conventions for new hires, so first-week onboarding tasks no longer needed pairing with a senior engineer.

EDUCATION

B.S. in Computer Science, University of California, Davis, Davis, CA

CERTIFICATIONS

AWS Certified Developer - Associate | OpenJS Node.js Application Developer (JSNAD)