JULIAN MERCER

ENTRY-LEVEL NODE.JS DEVELOPER

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PROFESSIONAL SUMMARY

Entry-level Node.js Developer with 2+ years of internship and first-role experience building TypeScript APIs, background jobs, and test suites at Postman and Autodesk. Learns quickly from code review and takes small services from ticket to production.

CORE SKILLS

Node.js | TypeScript | JavaScript | Express | MongoDB | PostgreSQL | REST APIs | Jest | Git | GitHub Actions | Docker | Postman | Debugging | Code review

PROFESSIONAL EXPERIENCE

Associate Software Engineer Jul 2024 - Present
Postman, San Francisco, CA

- Built three Node.js and TypeScript endpoints for the collections sync service, each shipped with unit tests and reviewed by a senior engineer.
- Fixed a pagination bug in the workspace activity feed that had returned duplicate items, and added a regression test so it would not return.
- Wrote a script that backfilled 120,000 missing timestamps in MongoDB, tested on a staging copy before it ran in production.
- Reduced a slow team search request from 900 to 420 milliseconds by adding an index and trimming the fields returned.
- Joined the on-call rotation as a secondary responder and wrote up two incident notes with causes and follow-up tasks.
- Updated API reference pages for the endpoints I built so partner developers had accurate examples to copy.
- Added structured logging to the sync endpoints so a failing request could be traced during a support investigation.

Software Engineering Intern Jun 2023 - Aug 2023
Autodesk, San Rafael, CA

- Created a Node.js service that converted project metadata into a JSON format for a design review tool, handling about 5,000 files in testing.
- Added Jest tests and a GitHub Actions check to the service, taking the team's merge process from manual steps to an automated one.
- Presented the internship project to the engineering group and incorporated three suggestions into the final version.
- Paired with a mentor each week on debugging and design, and kept a running log of lessons that I shared with the next intern.
- Handled input errors in the converter by returning clear messages, which let the design team fix bad files without asking an engineer.
- Compared two JSON parsing libraries on sample data and recommended the faster one, with a table of timings in the pull request.

Undergraduate Teaching Assistant Aug 2022 - May 2023
Purdue University, West Lafayette, IN

- Supported 90 students in a data structures course with office hours and graded programming labs against a shared rubric.
- Wrote a set of test cases for a linked list assignment that exposed common off-by-one mistakes and reduced repeat questions.
- Led two review sessions before exams and collected feedback that the instructor used to adjust the next semester's schedule.

EDUCATION

B.S. in Computer Science, Purdue University, West Lafayette, IN

CERTIFICATIONS

OpenJS Node.js Services Developer (JSNSD) - in progress | AWS Certified Cloud Practitioner