JULIAN MERCER

NODE.JS DEVELOPER WITH NO EXPERIENCE

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PROFESSIONAL SUMMARY

Node.js Developer with 1+ years of internship and project experience building Express APIs, command-line tools, and small web services. Writes tests with Jest, documents what was built, and has shipped work used by real students and customers.

CORE SKILLS

Node.js | JavaScript | TypeScript | Express | MongoDB | SQLite | REST APIs | Jest | Git | npm | Docker basics | OpenAPI | Linux command line | Debugging

PROFESSIONAL EXPERIENCE

Backend Development Intern Jun 2025 - Aug 2025
Cisco, San Jose, CA

- Built an Express and MongoDB service that stored lab equipment bookings for the engineering team, used by about 60 people during the summer.
- Added input validation and unit tests with Jest, taking the service from no tests to 75% line coverage by the end of the internship.
- Fixed six issues reported by testers, including a time zone bug that had shown bookings on the wrong day.
- Documented the endpoints in a short OpenAPI file and presented the work at the intern showcase.
- Set up a GitHub Actions workflow that ran the tests and a linter on every pull request, so the intern group stopped merging broken builds.
- Added an email reminder job with node-cron that sent a booking notice the evening before each reservation.

Volunteer Developer Oct 2024 - Dec 2024
Code for America, Remote

- Built a small Express API that listed volunteer shifts for a neighborhood clinic, replacing a shared document that coordinators edited by hand.
- Wrote a seed script and sample requests so other volunteers could test the API within minutes of cloning the repository.
- Agreed a simple data format with the front end volunteer and adjusted two endpoints after reading her feedback.

Open Source Contributor Sep 2025 - Present
Node.js Foundation, Remote

- Submitted four small pull requests to open source documentation and tooling repositories, three of which were reviewed and merged by maintainers.
- Wrote a command-line tool in Node.js that checks package files for outdated dependencies and posted it on npm with a README and tests.
- Triaged beginner-labelled issues for a community project and reproduced bugs so maintainers could prioritize them.

Teaching Assistant, Intro Programming Jan 2025 - May 2025
Oregon State University, Corvallis, OR

- Supported 80 students in an introductory JavaScript course through office hours and online forum answers.
- Created practice exercises on asynchronous code and callbacks that the instructor added to the course materials.

EDUCATION

B.S. in Computer Science, Oregon State University, Corvallis, OR

CERTIFICATIONS

OpenJS Node.js Application Developer (JSNAD) - in progress | freeCodeCamp Back End Development and APIs