Bryan M. Lopez

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TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C#, HTML, CSS, MUMPS
Frameworks: React, Node.js, Express.js
Databases: PostgreSQL, MySQL, SQLite, Prisma ORM, Sequelize ORM

EXPERIENCE

Software Developer Mentor — May 2025 – Present
Firme Coding — *Remote*

- Mentored a junior developer one-on-one on resume strategy, job search tactics, and technical interviews using LeetCode and behavioral frameworks.

Software Developer — Sep. 2024 – Present
Program Earth — *Remote*

- Automated GitHub Actions for PR templates, issue forms, and CI checks—standardizing reviews for 40+ contributors.
- Integrated linting and test execution on every new pull request, reducing style and test-related CI failures by 50% and improving merge reliability.
- Designed and implemented 10+ relational database schemas using TypeScript and Sequelize, optimizing migration files to improve query efficiency and schema reliability.

Career Break — Jan. 2023 – Sep. 2024
Personal — *Los Angeles, CA*

- Took time off to provide full-time care for a family member during a medical emergency while also working various part-time roles outside of tech.

Software Developer — Aug. 2021 – Sep. 2022
Epic Systems — *Verona, WI*

- Closed ~2 critical bug tickets per week during the migration of Tapestry Admin Workflows to the web platform, writing root cause analyses and internal design documentation to support long-term maintainability.
- Refactored core pricing logic for bundled services in the Tapestry Claims backend (MUMPS/Cache), improving modularity and increasing loop performance by 10% through thorough testing and benchmarking.
- Built 3+ major dashboards and several minor ones using Epic's internal UI tools, including full-page bundle reporting views, interactive sidebars, and audit report dashboards—improving visibility for vendor workflows serving across 10M+ patients.

PROJECTS

Book Reviews | github.com/blopez024/Prisma-Book-Reviews

- Developed a full-stack book review web app showcasing database modeling and efficient query execution using Prisma ORM
- Defined comprehensive relational schemas (Authors, Books, Reviews, Users, Genres) in Prisma's schema.prisma, enforcing one-to-many and many-to-many relationships.
- Built backend REST APIs for CRUD operations on books and reviews, served over Express and tested locally via Postman.

EDUCATION

Calbright College — Remote – Sacramento, CA
Information Technology Support — *Mar. 2025 – Present*

The Knowledge House — Los Angeles, CA
Innovation Fellowship - Web Development — *Jan. 2025 – Present*

University of California, Santa Cruz — Santa Cruz, CA
Bachelor of Science in Computer Science