Scott Sean Lowe

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A certified black belt who takes the same kind of intensity required for martial arts to solve software development challenges in order to quench an insatiable curiosity and better hone industry skills.

Experience

- **Powur PBC** | Software Developer | May 2023 - CUR.

I work on a medium sized team of Fullstack developers to help build Powur's VISION project. VISION's backend utilizes NestJS and Prisma, with the frontend using React. I have completed projects large and small for VISION, including a 200+ file refactor (as part of a team) to enable TypeScript's strict null checks, functionality for rotating API Keys, and implementing new models for our Prisma schema. Tooling includes GraphQL, Cypress, Jest, GitHub, Monday.com, and PostgreSQL.

- **A2Z Sync** | Fullstack Developer | AUGUST 2020 - AUGUST 2022

I worked on a small team of developers to build features, write unit tests and fix bugs as necessary. With a PHP/Laravel backend and a ReactJS frontend, I have worked on both sides of the coin to create features. Examples include writing custom CLI commands for php artisan, new backend and frontend endpoints to handle external API requests, custom react hooks for handling auth timeouts, in-house test pages for our DR tool, and full coverage Jest testing.

- **Raytheon Technologies** | Software Engineer I | JULY 2019 - AUGUST 2020

I worked as part of the Joint Polar Satellite System Common Ground Systems (JPSS-CGS) Software Configuration Management (SCM) team ensuring build and delivery deadlines were met. Duties included document preparation, weekly meeting facilitation and ad hoc build/deploy support. Also created schema and shell scripts for configuring tools in an Amazon Web Services (AWS) cloud migration effort as well as Groovy programming for Jenkins pipelines.

Skills

TECHNICAL

- Past Tooling: ClearCase/ClearQuest, Jenkins/CircleCI, the Atlassian Suite, overmind
- Past/Familiar Languages: C#/C/C++, HTML, CSS/SCSS/SASS, JS/TS, Python, Bash scripting, Golang, PHP, PHPunit, Laravel, Jest, MySQL
- Current Tooling: Ubuntu, Git/GitHub, GitHub Actions, Bash, Docker, k9s
- Current Languages or Frameworks: TypeScript, React.js, NestJS, Prisma, PostgreSQL

COMMUNICATIVE

- Enjoys a challenge, but not afraid to ask for help if needed
- Fast learner
- Team player or leader, with little supervision required
- Experienced with public speaking in large audience (100+) and small group settings (5-10, 20-30)

Projects

MAJOR PROJECTS

- VISION — An all-in-one solar proposal brochure and designer. Handles selecting equipment for your solar proposal, building the design in real-time, integrating with Utility and government APIs to gather solar production estimates, submitting loan applications and handling the responses from credit lenders, and more.
- Digital Retailing "One-Lane" — Helped to create features for an embedded application on our client's website that seamlessly connects with and transfers data to our accompanying in-store application. Example: Schomp Subaru's view pricing on a VDP
- "Timelines (Revamped)" —A plugin for the popular Obsidian.md note taking app and markdown editor, forked from the original plugin on GitHub. Written in Typescript for an Electron app deployment. Published to the official Obsidian community plugin list.
- "nox" (free-time side project) — A personal project to build a virtual assistant as an opportunity to work with new technologies or tools. Tools include: Next.js, Node.js, Prisma ORM, PostgreSQL, and PM2. Utilizes bash scripts for managing a Docker container for the database.