LUCAS HYATT

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I am a solution-driven full stack web developer for www.coretocoeur.com. I build modern JS React components using Redux for state management. This front-end talks to a REST API implemented with Node.js/Nest.js hosted on an AWS EC2 instance. I contribute to all aspects of the development, maintenance and deployment of this product!

LANGUAGES

- JavaScript, Typescript, Python, C/C++, HTML5/CSS3, SQL/PostgreSQL/NoSQL, PHP.

SKILLS

- **Front-end** | **Back-end**: React, Redux/Saga, Material-UI | Node.js, Express.js, Nest.js, TypeORM, Flask

- **Infrastructure**: Git, AWS, PM2, GCP, UNIX, Docker, Puppet, Bash, NPM, REST, JSON, MongoDB, AJAX

- **Workflow:** VIM, VirtualBox, Jira, Asana, GitHub, Slack, Visual Studio Code, Sublime, Microsoft Office, G Suite.

EXPERIENCE

Core to Coeur – Full Stack Web Developer (June 2020 – Present)

- Experience working in an agile development environment where I consistently **develop**, **scale**, and **maintain** a modern full-stack web application.
- Experience using **Redux** to integrate stateful **React components** to front-end.
- Experience creating and connecting **API endpoints** to front-end using **Node.js/Nest.js**.
- Consistently lead **production builds**, monitor application status, and facilitate **feature deployment**.
- Maintain **RDBMS** processes including CRUD script operations, architecture and **DB migrations**.
- Comfortable working in front-end, back-end, and the space between development and infrastructure.
- Strive in agile environments which utilize a **Git** pull request workflow.

Freelance Developer (Dec 2018 – Present)

- As a **creative outlet**, I am committed to my freelance web-development practice. I find joy in helping small businesses bolster their online web presence by creating **elegant**, **dynamic websites**.
- Requires consistent and effective **communication** (written, verbal, listening) with all clients.

CS Learning Assistant (Nov 2018 – June 2019)

- Worked as a teacher for the Computer Science department at the University of Oregon.
- Held weekly office hours helping undergraduate computer science students with projects and exam preparation. Greatly refined my ability to **explain code** and talk about CS related concepts.

PROJECTS

Siren – Full Stack Social Media App

Siren is a fully featured social media web application. The application is implemented in JavaScript and features a **React/Redux** front-end UI which connects to a **Node/Express.js REST API** backend. Front-end frameworks like **Material-UI** were used to create modern stateful React components. Data was initially stored in a **fire-store database** and the app was bolstered with the use of **GCP cloud functions**. After noticing scalability issues with GCP, I made the decision to migrate Siren to a **Postgres** database, and began to use **TypeORM** along with **Nest.js** as a modern backend framework.

Site Stall – Mozilla Browser Extension

Site Stall is a Mozilla extension intended to promote productivity for internet users. Optimized for Firefox, this add-on was programmed using JavaScript for the back end and supports a dynamic front-end modal display and user metrics dashboard (HTML/CSS).

SQL Database Query Provider

Front-end webpage providing query support to a SQL database backend through a PHP connection. The application references a mock database based on a distribution and warehousing company.

EDUCATION

University of Oregon **- B.S. Computer and Information Science ~ Minor in Mathematics**