

LONNA LU | Web Developer

About Me

Full stack web developer who loves to make ideas come to life. I strive to grow as a person and as a professional by embracing my curiosity and adaptability to challenges. My reliability and ambition manifests throughout all roles and responsibilities. I am excited to translate my problem solving and teamwork skills into building complex and valuable software systems.

Skills

Languages - JavaScript, HTML, CSS, Python, SQL, Mongo, JSON, Typescript, EJS, DTL

Database - PostgreSQL, MongoDB | **Other** - RESTful Routing, CRUD, JSON api

Libraries and Frameworks - React (class based and hooks), Express.js, Django, JQuery, Bootstrap, Semantic UI, Bulma

Software Development Projects

JUL 2021 - SEPT 2021

Cravings - Full-stack application to search restaurants in Downtown Los Angeles, California. Users can search by cuisine, dietary restrictions, or restaurant name. Users can also create profiles and write reviews. Independent project in a two-week sprint.

- **Node.js** and **Express** to build backend server, MongoDB and Mongoose to handle database.
- Complete **Model View Controller (MVC)** to optimize readability and scalability.
- **Bcryptjs**, salt, and hash to encrypt sensitive user information.
- Fully styled with **Bootstrap** framework and custom **SCSS/CSS** for responsive web experience.
- Managed timeline and milestones, crafted wireframe and design, and defined entity relationships

Project Wayfarer - Full-stack application to share travel tips around the world. Users can create posts for a variety of cities across the globe, and manage their posts and profiles. Collaborated with 3 teammates in a one-week sprint.

- **Django** and **Python** to build **RESTful** routes for full **CRUD** for dynamic, reusable templates.
- Implemented authentication and authorization for user account creation and management.
- Created efficient models to handle data and entity relationships through **PostgreSQL** relational database.
- Fully styled with **Bootstrap** framework and custom **CSS** to satisfy client expectations.

Queue - Full-stack application that allows users to curate their favorite TV series onto a personal queue, making it easily accessible and navigable in comparison to other streaming apps. Collaborated with 1 teammate in a one-week sprint.

- Made RESTful fetch calls to an **Express, MongoDB, Node.js** backend handling full CRUD.
 - Used **Mongoose** to define schemas and manipulate MongoDB collections and data.
 - Fully styled with **Sass** scripting language which compiled to **CSS3** for a unique template and user experience.
 - Used **MVC** framework to organize code into a scalable and extensible application.
 - Implemented **bcryptjs** to hash and salt all user passwords, and dotenv to security store secrets.
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Professional Experience

360Biz - **Project Coordinator** | Anaheim, CA

JAN 2020 - APR 2021

- Managed 50-70 projects at a time for Fortune 500 companies and civic organizations; projects included new websites and functionalities and addressing website bugs
 - Launched over 20 new website features and websites for clients
 - Lowered typical client feedback by 50% by supporting QA by identifying errors and user experience anomalies
 - Collaborated with teams of 8-9 by communicating project requirements, progress, and action items
 - Created documentation on client profiles and their servers as a resource for the team
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EDUCATION

General Assembly | Remote

JUN 2021 - SEPT 2021

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

University of California, Irvine | Irvine, CA

Bachelor of Arts B.A Degree in Psychology