CARRIE THURNAU

Full Stack Software Developer

📍 Greater Seattle Area   🔗 www.carriethurnau.com   in www.linkedin.com/in/carriethurnau

🐙 github.com/CThurnauSWEng

EXPERIENCE

Learn Songs

Learn Songs is a web application that enables the user to learn a new language in a fun way - by singing along with their favorite songs in the new language. The user can input the lyrics for any song in multiple languages and then choose to display the lyrics in two languages side by side as they sing along.

Contributions:

- Conceived initial concept for application
- Designed and implemented OOP methodologies for all application elements
- Utilized GitHub for version control

Technologies Utilized:

- Java, Spring Boot, REST, MVC, CRUD, Authentication

Movie Reviews

Allows groups of friends or relatives to create their own movie review database. Each group shares a common log on, enters data for movies, and adds their own reviews. They can select by genre, read reviews, and sort movies by genre and average star ratings assigned by their friends.

Contributions:

- Designed and implemented OOP methodologies for the entire application
- Designed and coded MVP
- Utilized GitHub for version control

Technologies Utilized:

- JavaScript, TypeScript, RESTful Architecture, MVC, CRUD, MongoDB

Senior Software Engineer

Contributions:

- Expert software developer with 24 years experience.
- Full life cycle development of real-embedded aviation applications (The Boeing Company).
- Full life cycle development high-volume telephony billing systems (Electric Lightwave, Inc.).
- Experienced team leader
- Well known for having excellent communication and presentation skills

Technologies Utilized:

- Ada, C, C++, Perl, UNIX

TECHNICAL SKILLS

Programming Languages

Python   JavaScript   TypeScript

Databases

MySQL   SQLite   NoSQL (MongoDB)

Front End Development

JQuery   AJAX   HTML   CSS

Bootstrap

Frameworks/Methodologies

Django   Angular 4/5   Express

Node.js   Flask   OOP   MVC

RESTful Architecture

Software/Dev Tools

Git/GitHub   AWS EC2   VS Code

EDUCATION

Coding Dojo–Bellevue, WA

Certificate of Completion

📅 2018

- Full stack courses in JavaScript, Python & Java
- Completed over +1000 hours of hands on coding experience

University of California at Santa Barbara

B.S. Mechanical Engineering

📅 1981

University of Washington

Engineering Post Baccalaureate Studies (Computer Science)

📅 1983