

Joel Porter

joelporter.com | linkedin.com/in/joelporter

SUMMARY

A highly motivated software developer with a passion for coding and problem solving. Skilled in a range of languages, frameworks, and libraries including JavaScript, Java, Node.js, Express, React, and Next.js.

EDUCATION

Bachelor of Science in Software Development, *Western Governors University* | Salt Lake City, UT May 2023
Master of Arts in Education, *Stanford University, Stanford Teacher Education Program* | Stanford, CA June 2017
Bachelor of Arts in Philosophy, Politics, and Economics, *Claremont McKenna College* | Claremont, CA May 2016

CERTIFICATIONS

ITIL 4 Foundation Feb. 2023
CompTIA A+ Certification Sept. 2022
CompTIA Project + Certification Oct. 2022

TECHNICAL SKILLS

Web Development: HTML, CSS, JavaScript, Canvas, Bootstrap, React, Next.js, EJS, Node.js, Express
Additional Programming Languages: Java, SQL
Databases: MySQL, MongoDB

PORTFOLIO

Web Fiction Reviews

- Built and deployed a full-stack web app (webfictionreviews.com) using Node.js and Express to showcase original stories that have been published online
- Managed dynamic data with EJS, Mongoose, and MongoDB Atlas to sort stories and reviews by popularity and allow for searches by genre or title
- Enacted account authentication, email verification, and cryptographic hashing with Passport and Nodemailer
- Established routes to enable users to add and review their favorite stories and upvote quality reviews
- Differentiated between users to authorize admins to delete reviews or stories
- Created a polished and responsive user interface with Bootstrap

Jigsaw Puzzles Digital Puzzle

- Designed an interactive and responsive online digital puzzle using HTML, CSS, and JavaScript
- Formulated logic to identify adjacent pieces, group solved pieces, and save puzzle progress
- Uniquely generated puzzle pieces using Bezier curves and the Canvas API

Appointment Scheduling Desktop App

- Developed a desktop appointment scheduling app in Java that provides an interface for businesses to add, edit, search, and delete appointments and customers
- Maintained stateful data storage through a MySQL connection and JDBC driver
- Organized the project structure using the Model-View-Controller architectural pattern
- Crafted a sleek user interface with JavaFX and Scene Builder in IntelliJ

Academic Planner App

- Designed an Android app in Java that allows students to add, edit, and delete their terms, courses, and assessments, with data stored in an SQLite database using Room
- Interfaced with the mobile OS to set notifications for upcoming courses and assessments

HIGHLIGHTED WORK EXPERIENCE

Fourth Grade Multiple Subject Teacher Aug. 2018-June 2022
San Carlos School District, San Carlos, CA