Ario Tamaddoni

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Project Experience

Project 1 – https://vivideo.herokuapp.com/ *July 2019*

A video rental service application that runs locally at a video store.

Front End (UI): https://github.com/ariozone/vivideo
- Built UI components using React.js to create Single Page Application that uses React Router for navigation
- Integrated Bootstrap, CSS, font-awesome and React Toastify for responsive layout and styling.
- Implemented error handling and data validation on inputs using Joi Browser and Axios for http requests.

Back End (API): https://github.com/ariozone/vivideo-api
- Built a Node.js application, implemented RESTful services and route handling using Express.js.
- Implemented CRUD operations with Asynchronous JavaScript; used Mongoose to create schemas to shape and persist data to MongoDB in the cloud; used MongoDB Compass and Postman to test the endpoints.
- Implemented authentication and authorization using JWT and bcrypt to hash and compare passwords.
- Enhanced authorization and role-base authorization by creating and adding middleware functions in route handlers to protect routes; implemented error handling and logging using Winston and express-async-errors.
- Created automated unit tests, integration tests and E2E tests using Jest, Supertest and Selenium Webdriver.

Technologies: Node.js, Express.js, REST APIs, MongoDB, Mongoose, Joi, joi-password-complexity- joi-objectId, Fawn, JSON Web Token, config, lodash, bcrypt, express-async-errors, winston, winston-mongodb, Jest, Supertest, Selenium

Project 2 – https://github.com/ariozone/split-it *November 2018*

An application for groups to easily split their restaurant bill.
- Built React UI components using Reactstrap for responsive layout and styling.
- Leveraged React to build custom table imagery for each dining party.

Technologies: React.js, Express, Node.js, HTML5, CSS3, JavaScript, Reactstrap.

Project 3 – https://github.com/ariozone/react-flash-cards *October 2018*

A React.js application for self-learners who want to expand their knowledge.
- Built UI components using React to create Single Page Application that uses hash-change events for navigation.
- Integrated the Bootstrap 4 CSS library to style clean components.
- Persisted application state to browser local storage.

Technologies: JavaScript, React.js, CSS3, HTML5, Bootstrap 4.

Training

Orange County Code School – Newport Beach, CA *August 2018 - November 2018*

Completed 500 Hours of In-person Software Development Training

Courses: Front-end JavaScript Development using React.js, Microservices with Node.js, RESTful API Design with Express.js, Data Persistence with db.JSON, HTML5 and CSS3 for Responsive Web Design and Mocha for unit testing.

Experience

Freelance Software Test Engineer - Irvine, CA *January 2016 - July 2018*
- Created automated test suites for several dozen web applications using Selenium with JavaScript
- Underwent over 100 hours of professional training in software testing process
- Learned SDLC, Agile and Waterfall development methodologies

Education

Azad University, Iran *1998-2002*
- B.S., Computer Hardware Engineering, classes included C, statistics, linear algebra and algorithms.

Certifications

Certified Tester Foundation Level (CTFL) International Software Testing Qualification Board (ISTQB) *April 2017*