

EARL PEREZ

Software Engineer

earlperez.netlify.app
ebcp.dev@gmail.com
<https://github.com/ebcp-dev>



Education

Western Governors University

Bachelors of Science in Computer Science

2018 - Present

Certifications: CIW Site Development Associate, CompTIA Project+

California State University Sacramento

Computer Science

2014 - 2018



Skills

Java
SQL
Python

JavaScript
HTML
CSS

Node.js
Express
Flask

PostgreSQL
MySQL
MongoDB

React
Redux
Webpack

Git
Travis CI
Mocha
Chai



Projects

Resumer

Node.js, React, Redux, PostgreSQL, Mocha, Chai, Travis CI, Docker, Kubernetes, AWS

2018 • <https://github.com/ebcp-dev/resumer-api> • <https://github.com/ebcp-dev/resumer-ui>

- A web app where users can create profiles and keep track of their job applications.
- Created a REST API with Express connected to a PostgreSQL instance hosted on Amazon RDS.
- Created a frontend UI with React, Redux and Axios to create HTTP requests to the Node.js API.
- Used ag-Grid to display added jobs as an interactive data table.
- Used Passport.js to authenticate users with JSON Web Tokens.
- Wrote unit tests for the API using Mocha, Chai and used continuous integration with Travis CI.
- Deployed on Google Cloud Platform's Kubernetes engine using Docker and Kompose.
- Project Link: <https://resumer.xyz/>

Forum'd

Node.js, React, MongoDB, Passport

2018 • <https://github.com/ebcp-dev/forumd>

- Created an online forum with Node.js/Express, React, MongoDB and Bootstrap.
- Users can register accounts and create and edit a profile to track activity.
- Users can also submit, comment, edit, delete posts.
- Passport.js and Bcrypt.js are used to handle authentication.
- Deployed to Heroku: <http://theforumd.herokuapp.com/>



Experience

Student Assistant Web Developer

California Secretary of State

May 2018 - July 2018

- Used HTML and CSS to improve and maintain the agency's website under the supervision of agency staff.
- Used the concrete5 content management system to manage website content under supervision of agency staff.
- Ensured that web pages and documents were ADA compliant for easier accessibility.