

# IVO PAVLOV

(425) 408-2153

[pavlov.ivo@gmail.com](mailto:pavlov.ivo@gmail.com)

[PORTFOLIO](#)

[LINKEDIN](#)

## SKILLS

React, Redux, GraphQL, AWS, Ruby, Rails, JavaScript, Docker, Node.js, Express, MongoDB, HTML, CSS, SQL, Git

## EXPERIENCE

### Software Development Engineer - Sogeti/Capgemini

Consultant at Starbucks

January 2021 - May 2021

- Improved **UX/UI** as **Front end engineer** with **React.js**, expanding on internal tool built around **AWS Connect**
- Executed **story generation and pointing** and **sprint planning (Agile)** and completed **Proof of Concept** stories for later implementation
- Documented and implemented changes in Confluence: DRY up code, change UI elements from React-Bootstrap to Google Material-UI library, swap custom components to provided internal pattern library
- **Implemented API** for **feature flag** toggle with failsafe to allow for dynamic function enablement
- Updated React.js class based components and incorporated **functional components** to improve UI

Consultant at Liberty Mutual Insurance

May 2020 - December 2020

- Performed **Full stack development** with **Ruby on Rails, React.js, AWS Aurora PostgreSQL** database, set up in a **Docker** container
- **Expanded API** with new endpoints, and updated existing API calls
- **Authored API** call to **generate business PDF documents**, pivoting values from backend data structures
- Worked on **cross-functional code** with financial department and document publishing
- Created and updated **RSpec** and **Jest unit tests** to keep tests current on both frontend and backend
- Implemented CSV document generation, using Ruby, on **AWS Lambda** for FCS team
- Attended daily SCRUM/Agile standup meetings and developer check-ins
- Utilized **CloudForge/Jira/Bamboo/BitBucket** for workflow

### Production Associate II

Blue Heron Biotech

May 2011 - May 2019

- Improved gene-synthesis production process efficiency and reduced human error through data-parsing scripts
- Worked the entire production, and quality control, process and trained new employees

## PROJECTS

Picto-gram (Ruby / Rails, PostgreSQL, React, Redux, AWS, Docker)

[live](#) | [github](#)

An Instagram clone; users can upload, view, and comment on uploaded pictures

- Used **model level validations** to require complete input from user on account creation along with useful **error rendering**
- Applied custom routes and **user authentication** on both backend and frontend to prevent unauthorized access to protected routes and site features
- Simulated a demonstration user login using an **asynchronous JavaScript** function
- Utilized **RESTful API** endpoints and **AJAX** requests for user generated content
- Integrated **AWS S3 buckets** for object storage service to allow users to upload and view images on each post

zBay (MongoDB, Express, ReactJS, GraphQL, Apollo, NodeJS)

[live](#) | [github](#)

A group effort combination of eBay and Zillow; users are able to create auctions and bid on luxury homes

- Incorporated a **GraphQL SOAP API endpoint** with a **React UI** to query and create auction listings and accounts
- Created backend with **Express** web application framework for **Node.js** runtime environment, and **MongoDB** for data
- Leveraged **Cloudinary** for image hosting and display via **Axios** request
- Ensured secure user creation and login experience with **bcrypt npm module** and **JSON Web Tokens**
- Brought in **Mapbox API** to detail applicable search results based on location data entered during auction creation

## EDUCATION

Web Development - App Academy, 1500+ hour curriculum with < 3% acceptance | Spring 2019

BS Molecular Genetics and Cell Biotechnology - Washington State University | 2006 - 2010