Erick Vargas

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LinkedIn | Github

EDUCATION & CERTIFICATIONS

Washington State University   Pullman, WA
Bachelors - Chemistry   08/15 - 07/20

Flatiron School   03/21 - 08/22
Software Development - Certification

Certifications
AWS Cloud Developer Associate - Proficiency in developing and deploying applications using AWS services.
AWS Solutions Architect Associate - Demonstrated ability to architect distributed systems using AWS technologies.
AWS Cloud Practitioners - Fundamental understanding of IT services and uses for AWS focused projects.

TECHNICAL SKILLS

- Front End Web Development: HTML, CSS, Javascript, Bootstrap, React.js
- Back-End Web Development: Python, Ruby, Rails, SQL, MongoDB, PostgreSQL
- Cloud Technologies: AWS: REST APIs, S3, Lambda, ECS, DynamoDB, EC2, CloudFormation

EXPERIENCE

Cellnetix Pathology and Laboratories   Seattle,WA
Histology-technician   01/21 - 04/22
- Worked closely with team members to deliver project requirements, and meet deadlines
- Conducted laboratory procedures, handling specimens, and processing testing analyzing examining and reporting on results
- Tracked and logged patient information in database to ensure validity
- Facilitated communication between technical and non technical staff/clients
- Helped onboard new assistants in understanding procedures, and use software/technical devices

Washington State University   Pullman,WA
Research Assistant   02/18 - 03/19
- Successfully interpreted data to identify key metrics and draw conclusions
- Refined lab tests, data collection and visualized data results
- Prepared presentations on findings and proposed new approach methods

TECHNICAL PROJECTS

AnimalShelterApp - Github
Through the use of react, Active Record and Sinatra created a Dog adoption app for a shelter. Main goal was
Incorporated object relational mapping to facilitate query use on databases.
- Optimized the use of SQL databases to create, write and test queries, and build database relationships
- Integrated bootstrap, and semantic UI libraries to enhance standard CSS code
- Assembled modules, controllers and routing to create backend components capable of taking postgreSQL customer requests

BookShare App - | Github
Through the use of, Ruby on Rails and React, created a community based app, utilizing the google books API where a user can search any topic, add recommended books to a community page, and add books to their personal library .
- Applied user authentication in the form of "login" & "password usage" using B-Crypt
- Constructed Serializers to organize and secure data fetched via Google API
- Designed models and data tables to ensure relationships between user data in database
- Utilized React.js and Bootstrap to create a front end capable of CRUD user requests