



# Earl Laurence G. Sabal

## Back-End Web Developer | Painter

📍 San Francisco Bay Area

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### SUMMARY

As a child, I wanted to create inventions that could change the world. As an adult, I aim to innovate the world through beautiful and meaningful code. I am a software developer seeking challenges to apply my skills to improve and make a difference in everyday life.

### SKILLS

#### Languages

- Java
- JavaScript
- SQL
- HTML
- Ruby
- Elixir
- CSS

#### Frameworks

- Rails
- Sinatra
- Phoenix
- Play
- Bootstrap
- React

#### Techniques

- MVC
- TDD
- jQuery
- AJAX
- Git
- CRUD
- RESTful
- Amazon S3
- PostgreSQL
- Multi-Threading
- Object-Oriented Design

### PROJECTS

#### Earlybird Search • June 2017 • [Website](#) • [Code](#)

##### Description:

- Given a search with a location and category, the application generates a list of businesses that either have a website that needs improvement or no website at all.

##### Roles:

- Backend developer, built two support API applications supporting the main functionality of the application.
- Implemented Service Oriented Architecture and Multi-threading to improve performance, scalability and cut processing time.

##### Tech Stack:

- Ruby on Rails, Elixir Phoenix, Slackbot, Swift, React.js, PostgreSQL, Yelp & Google APIs

#### Crab Movies • May 2017 • [Website](#) • [Code](#)

##### Description:

- This application allows users to browse through movies and actors, view their descriptions and current ratings, watch trailers, and rate movies. Only Trusted reviewers can leave reviews on movies and actors, but any user can leave comments on these reviews.

##### My Role:

- Full-Stack, Implemented the MVC architecture.
- Contributed to mapping out the schema for creating the Models, built the Views(HTML) and Controllers.

##### Tech Stack:

- Ruby on Rails, JavaScript, CSS, AJAX, PostgreSQL

### EXPERIENCE

#### Freelance Developer • Jan 2017 – Present

##### Accomplishments:

- Built a website for a collegiate organization. They can now easily update their current information, it is now easier to contact specific chair members, viewers can see their latest social media posts and leave feedback on the website.
- Build portfolio websites for clients to list their information, upload and display their skills to bring in more customers.
- Implement MVC structure with CRUD and RESTful design for easy maintainability.
- Implement Amazon S3 on projects so user can upload images without increasing the application's memory usage.

#### Sales Floor • Michaels Stores • Oct 2014 – Jan 2017

##### Accomplishments:

- Averaged getting 15-20 customers daily to sign up and become rewards member to improve sales and customer loyalty.
- Part of 2 full store remodels. Replaced/Moved aisles and relocating all products. One was a 3 week project, the other an improved 1 week project. I was brought back to help remodel the second store due to excellent performance.
- Prior to leaving the company for school, I was offered promotions for Manager & Sales Lead positions in 3 different stores.

### EDUCATION

#### Dev Bootcamp • 2017

- Web Development, 1500+ hours of intense learning & pair programming in 18 weeks.
- 8 workshops focusing on empathy and teamwork in order to build positive relationships and work chemistry.
- Effective communication using feedback that is Actionable, Specific and Kind. Address issues directly without hurting the relationship or making situations worse.

#### San Jose City College • 2013-2015

- Software Engineering, (non-degree holding)

#### San Jose State University • 2010-2013

- Bachelor's of Science, Software Engineering, (non-degree holding)
- Java Programming. Object Oriented Design, Big O, Algorithms & Data Structures