

ARIEL JAKUBOWSKI

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SUMMARY

Software Engineer/ Full Stack Web Developer with Ruby on Rails and JavaScript framework experience. With a Mechanical Engineering degree and project management experience, I bring strong design, analytical, and organizational skills to technical projects. Mechanical Engineering sparked my love of empathetic design. I am fascinated by the human experience surrounding technology and passionate about designing the best experiences for people.

TECHNICAL PROJECTS

Serene [Github Backend](#) [Github Frontend Demo](#)

Serene is a guided online journal to help you evaluate and manage stress in a productive and healthy way

- + Implemented customizable user interface employing React, custom CSS, Chart.js, Moment.js and Semantic UI
- + Utilized React Router to implement client side routing and allow users to easily and intuitively navigate webpage
- + Created database schema and configured ActiveRecord associations with Rails and Postgres
- + Utilized JSON Web Tokens and localStorage to store encrypted user information client-side

Read Me [Github Backend](#) [Github Frontend Demo](#)

Find your next read and track your books with Read Me

- + Utilized Google Books API to pull and parse data on books, built backend with Rails, created user database with Postgres
- + Implemented user interface employing React, Semantic UI, and custom CSS
- + Utilized JSON Web Tokens and localStorage to store encrypted user information client-side
- + Implemented client side routing with React Router to allow users to easily and intuitively navigate webpage

Wordle [Github Demo](#)

A fun word game that lets users test their vocabulary and typing skills

- + Built backend with Ruby on Rails, stored user data with Postgres
- + Designed user interface with HTML, JavaScript, and custom CSS
- + Deployed Wordle on Heroku to allow anyone to play

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, HTML, CSS, Redux, React Router, Git, Data Visualization

PROFESSIONAL EXPERIENCE

PROJECT ENGINEER | Andersen Corporation (now PlyGem) | North Brunswick, NJ October 2017 – February 2019

- + Redesigned facilities using AutoCAD and Autodesk Inventor. Investigated product defects and implemented corrective actions. Standardized and improved processes, reducing rejected product and process duration by 8%. Managed \$2M projects, including scope, schedule, and cost, saving \$52M in expected loss. Supervised contractors and technicians.

ENGINEERING INTERN | Legrand | Fairfield, NJ

Summer 2016

- + Created Product Environmental Profiles. Documented design changes; updated product documentation and models.

EXTERN | Cisco Systems, Inc. | San Jose, CA

Winter 2016

- + Shadowing program in Silicon Valley about innovation, start-ups, and tech giants like Google and Cisco.

INTERN | Janssen Pharmaceuticals, Johnson & Johnson | Raritan, NJ

Summers 2014 and 2015

- + Organized and maintained database, reconciled documentation and prepared financial reports for medical trials.

EDUCATION

Flatiron School, New York City

September 2019

Software Engineering/ Full Stack Web Development, JavaScript and Ruby on Rails program

Lafayette College, Easton, PA

GPA: 3.3

Bachelor of Science in Mechanical Engineering, Minor in English

May 2017

Study Abroad: Saint Louis University, Madrid, Spain. Semester long Mechanical Engineering program

Fall 2014