

# RUDY GOLDHABER

SOFTWARE ENGINEER



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rudyg.dev

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Venice, California

in Rudy-Goldhaber

SyriiAdvent

## Skills

- HTML5
- CSS3
- Javascript
- Typescript
- Python
- React
- Redux
- React Native
- Nodejs
- SQL
- NoSQL
- Postgres
- Jest
- Test Automation
- AWS
- Firebase
- APIs
- Docker

### PROFICIENT

- C++
- C#

### MISC

- Adobe Creative Suite
- Slack
- Trello
- Postman
- Agile Workflow

## Education

### Lambda School

Jan. 2020 to Current

A Nine-month, Remote Full-Time School of Computer Science & Software Engineering that provides an immersive hands-on curriculum with a focus on computer science, software engineering, and web development.

Backed by Y Combinator, Alphabet's GV (formerly Google Ventures), and Stripe.

## Projects

### Garden of Knowledge

Student & Staff Management system for an English language school Including student onboarding system with placement testing. Currently in Bahrain and expanding to several other countries. Including student onboarding system with placement testing

React | Redux | Routing | Postgres | Styled Components | Nodejs | Expressjs | Knexjs | SQL | AWS | S3 | Route 53 | CloudFront

- Remote team of 5 Full Stack Web Developers which included doing all user surveying and maintaining and improving applications core functions.
- Managed team in proper GitHub workflow and oversee all Pull Request to maintain all code pushed to production were engineered to be efficient and effective.
- Refactored entire Backend many relational database of 17 tables down to 10. Including all CRUD operations and SQL queries in a single day.
- Engineered new student onboarding with placement testing reducing Staff workload by over 50%.
- Restructured Administrator dashboard for better workflow reducing the time spent managing students, saving over 15 hours a week.

### Flatten the Curve

Covid-19 Information and geo-location-based messaging app where people can post messages to help others relay information without any physical contact

React | Redux | Routing | MaterialUI | Nodejs | Expressjs | Auth | Google Auth | Firebase | Google Cloud

- Remote team of 9 developers where we built the application from scratch over a 1-week time span.
- Took over as team lead from day 1 and maintained all GitHub Pull-Request, and overviewed all commits to maintain efficient and scalable code.
- Designed Backend with firebase, google OAuth, and cloud database to manage a live messaging system in realtime.
- Created helper functions to expedite Frontend connections to the Backend database

### Essentialism

Keeping goals and things to do organized in an Essential fashion is hard to do. That's where Essentialism comes in. Your One-stop task manager making sure your task is in line with your life goals and aspirations.

Nodejs | Expressjs | Postgres | Knexjs | Authentication | JWT | Token Sessions | Heroku

- Designed and implemented full REST API CRUD endpoints connected to a Postgres database with fully functional SQL queries.
- Designed a multi-relational database for users to get automatic recommendations on life goals.
- Incorporated password hashing with JWT to secure user registration and login.
- Created documentation of Back-end API Endpoints for Front-End usability.

### Conway's Game of Life

The universe of the Game of Life is an infinite, two-dimensional orthogonal grid of square cells, each of which is in one of two possible states, alive or dead, (or populated and unpopulated, respectively). Every cell interacts with its eight neighbors, which are the cells that are horizontally, vertically, or diagonally adjacent.

TypeScript | React | Recoiljs | MaterialUI | AWS

- Designed multi-dimensional array system to manage "Live cells" or "Dead Cells"
- Incorporated use of facebook experimental new state management system Recoiljs
- Overcame difficulties of using strict data types in conjunction with TypeScript.
- Implemented user controller to manage game simulation.

## Employment

### P&E Construction

Sept. 2019 to Jan. 2020  
Orange County, CA

Foreman

- Communicate with co-workers to maintain efficiency and safety
- Manage workers and keep up to speed with project managers

### T.I Specialties

Feb. 2016 to June 2017  
Hawthorne, CA

Office Manager

- Managed communication with employees, vendors, clients, and all web services.
- Reduced office cost by 20% by removing needless software subscriptions and unused services
- Handled job estimating and writing up Invoices for clients.
- Review financial statements, sales and activity reports, and other performance data to measure productivity and goal achievement and to determine areas needing cost reduction and job improvements