
EXPERIENCE

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| Co-Creator, Software Engineer | Dendro | February 2021 - Present |
| <ul style="list-style-type: none">• Collaborated remotely to architect, design, and implement a serverless cloud pipeline able to extract, transform, and load (ETL) data in near-real-time at scale.• Led implementation and deployment of the AWS services, such as IAM, Kinesis Data Firehose, S3, Lambda, Timestream, and CloudWatch, which are used in the cloud pipeline.• Transformed gathered metrics using time-series analysis and visualized them using charts.• Implemented the deploy and list CLI commands which automates over 40 API calls that create and configure a serverless cloud pipeline, as well as lists the currently used AWS resources, saving our users time and ensuring their resources don't go to waste.• Authored the case-study available at https://getdendro.com/case-study. | | |
| Co-Creator, Software Engineer | BridgeAPI | August 2020 – January 2021 |
| <ul style="list-style-type: none">• Designed and implemented core functionality & database of the serverless RESTful API integration platform.• Created lo-fi & hi-fi mockups to facilitate planning and implementation of user interface & frontend.• Implemented frontend using React with Next.js.• Created unit tests using RSpec and achieved near maximum code coverage. | | |
| Software Engineer | RB Implementations LLC | May 2020 – August 2020 |
| <ul style="list-style-type: none">• Implemented and delivered a dynamic PDF report using Puppeteer for the results of the patient's SARS-CoV-2 serology test.• Provided logic/mapping/rendering able to handle six possible test results calculated from, and displaying, dozens of analytes. | | |
| Software Engineer | Self-Employed | July 2017 - May 2020 |
| <ul style="list-style-type: none">• Launched an eCommerce platform allowing merchants to create a personal store and provided an interface for Stripe's onboarding process for payments (React/Redux, Express, Stripe & Paypal API, PostgreSQL, Amazon Web Services, Heroku).• Jello - Trello-like collaboration app (MongoDB, Node.js/Express, React/Redux). | | |

Languages and Technologies

Languages - Ruby, Typescript, Node.js, SQL, HTML, CSS, Golang
Frameworks - Ruby on Rails, Express.js, React.js, Redux, Bootstrap, Next.js, Handlebars, jQuery, Sinatra, Erb
Cloud - Amazon Web Services (EC2, IAM, Kinesis Data Firehose, S3, Lambda, Lambda@Edge, Timestream, CloudWatch, SNS, SDK), Heroku
Technologies - RESTful APIs, OOP, Functional Programming, Distributed Systems, MVC, Git/GitHub, HTTP, JSON Web Token, PostgreSQL, NoSQL, MongoDB, Redis, Sidekiq, Linux

EDUCATION

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| Las Cruces, NM | New Mexico State University | Fall 2014 – May 2015 |
| <ul style="list-style-type: none">• Attended the Conroy Honors College.• Invited and accepted into the National Society Of Collegiate Scholars.• Phi Eta Sigma candidate. | | |