

Rainier Dirawatun

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EDUCATION

San Diego State
University, SAN DIEGO
B.S., Computer Science
December 2021
VP of Entrepreneur Society

SKILLS

LANGUAGES

Javascript
Java
HTML5
CSS3
SQL
Python
Typescript
C#
XML

TECH STACKS

Node
React
Express
iOS SwiftUI
Android Kotlin
Android Java
React Native

TOOLS

VS Code
Git
Netlify
AWS Lambda
AWS Route53
AWS CloudFront
XCode
Android Studio

SPECIFIC

React Hooks
React Router
Promises/Async Await
Flexbox and Grid
Material UI

EXPERIENCE

Zahn Innovation Lab

Software Engineer Intern | September 2021 – June 2022

- Provided software development support and consultation to startup teams and interns in areas of full stack web development, mobile app development, and microcontroller integrations.
- Built and maintained a full stack application with a RESTful API using Express NodeJS with a ClickUp & Google Forms API integration and a Responsive React JS front end to make an elegant onboarding process for the lab.
- Built a customer facing cross platform mobile app with React Native which integrated with an ESP32 micro controller which we used to control a self watering plant pot.

Till App

iOS Engineer Intern | July 2021 – September 2021

- Integrated our app with the Twilio Voice API which allowed for automated calls to restaurants who in some cases did not receive push notifications to their app.
- Provided UI/UX support using Figma, with an emphasis on improving the speed and ease of use from our restaurant and customer facing apps.

Mathly

Founder, Principle Engineer | August 2019 – July 2021

- Mathly.io was an educational website I co-founded that focuses on assisting students with their algebra homework without the need for a live tutor. It utilized third party API's like Google's MathSteps API, as well as MathPics API.
- In two years my team and I learned and used technologies like React.js, Node, Express, AWS, and a host of third-party API's to design, deploy, and maintain our minimum viable product.
- I spent most of my development time designing our UI/UX using tools like Adobe Xd and Figma and bringing them to life with React.js. I also designed and implemented the math algorithms we use to tie our site together.

Projects

FiCal

Software Developer | Current

- I'm currently building a cross platform mobile app that allows you to visualize your money flow in a calendar, google-calendar type view. It uses React Native and Firebase for simple start and scalability.
- One of my passions is mathematics and finances and how the two can be used to empower yourself within your financial life.