Daniel Jonas

Miami, Fl 33168 · +1 786-540-1140 · 02danieljonas+resume@gmail.com
https://linkedin.com/02danieljonas · https://danieljonas.dev

A computer science student who has demonstrated their abilities in the development, testing, and deployment of various projects, both independently and as part of a team

Education

Bachelor's in Computer Science, Florida International University

Expected Graduation Date: Spring 2024   GPA: 3.670

Skills

React.js, **Next.js**, **TypeScript,** Node.js, Express.js, HTML, CSS,   **AWS Certified Cloud Practitioner**
SASS, **Tailwind**, JavaScript, Java, **Python**, **PostgreSQL**, AWS   **Microsoft Certified: Azure Fundamentals**

Experience

Full-Stack Development Intern, Codepath X Workday

   June 2022 – August 2022

- Selected as one of 35 interns out of 1800 applicants to participate in CodePath's SITE program, a 10-week intensive internship focused on full-stack development, including HTML, CSS, JavaScript, React, Express.js, Node.js, and PostgreSQL
- Led, planned, and developed a 5-week capstone project (FlashiCards) in a SCRUM setting

Projects

Personal Website:

- Implemented a Continuous Integration / Continuous Delivery solution using **Amazon Web Services CodePipeline**, GitHub, and **Amazon Simple Storage Service** (S3)
- Launched a Content Delivery Network (CDN) using **Amazon CloudFront**, including SSL encryption and Domain Name System (DNS) resolution, connecting to an existing Google-hosted site
- Developed a JavaScript script that calls an **Amazon API Gateway** endpoint to invoke an **Amazon Lambda** function
- Added an **Amazon DynamoDB NoSQL** database to provide a dynamic visitor count utilizing the Lambda function

FlashiCards:

- Contributed to a team of 3 developers responsible for all aspects of the project
- Developed and launched a flashcard study tool using Heroku, Amazon S3, Amazon CloudFront, and **Amazon Route 53**
- Implemented a **PostgreSQL** database to store user login and flashcard data, allowing users to log in and access their flashcard sets from any device
- Created an **Express.js** backend to connect users to their data and to clean inbound and outbound data, enabling real-time updates and data validation
- Used Chakra UI to minimize the UI creation process, saving time and effort while providing a smooth and intuitive user experience for users

Codeclash:

- Developed the frontend of Codeclash using **Next.js**, **TypeScript**, React, **Tailwind**, and **Prisma**, creating a smooth and intuitive user experience for users
- Contributed to a team of 15 developers responsible for all aspects of the project
- Implemented **Next-Auth** to enable users to easily sign up and log in using their Google, LinkedIn, or GitHub accounts
- Used **Web Sockets** to enable real-time coding competitions and to save appropriate data in real time, allowing users to challenge each other and improve their skills
- Participated in **weekly Scrum-oriented sprints**, helping the team to stay focused and on track, and to quickly iterate and improve the platform based on user feedback

Code for Good hackathon:

- Contributed to the development and successful completion of a Refined and Refreshed project at a **hackathon**, leading the team to **victory** through **effective collaboration** and **hard work**.
- Designed and implemented the backend using PostgreSQL and Express, enabling real-time updates and data validation
- Mocked up and implemented the design for the PostgreSQL relationship between users, courses, and comments, helping the team to visualize and plan the data relationships