Matthew Ricklefs

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EXPERIENCE

Humana, Remote — *Software Engineer*
JANUARY 2022 - MARCH 2022

- Engaging in an AGILE environment with utilization of SCRUM methodologies. Daily Stand-Ups demonstrating completion of features utilizing Jira and Azure DevOps Boards for daily task management.
- Demonstrating proficiency with Event-Driven Architecture through implementation of Microsoft Azure, GCP, and AWS.
- Implementation of FHIR-compliant APIs to create bi-directional data transformation. Specific focus on data ingested into disparate and siloed subsidiaries of Humana.
- Contributing to the Core Data Fabric: Utilizing Kafka Topics with the Confluent Environment to create Big Data Pipelines.
- Implementation of NoSQL Document Collection utilizing MongoDB. Horizontal Scaling by use of "Sharding" techniques and enumerated Replica Sets.
- Implementation of REST Proxy API Requests within a Java development environment.

CyberConcepts NYC, New York — *Software Developer Apprentice*
APRIL 2021 - JANUARY 2022
Client Impacting Works

- Modified SCSS rules by implementing a responsive mobile UI for a front-end React.js application.
- Updated Front End applications that were hosted via AWS Amplify.
- Built a Back End API integrating multiple third-party APIs. Configured deployment / hosting using the Serverless Framework to speed up the development lifecycle. Select information stored inside a secured, private NoSQL database using MongoDB / Mongoose.
- Design, Implementation, and Testing of a hosted React.js Client that consumed the API endpoints of the Serverless-Express API. Code

SKILLS

Languages:
Javascript, Python, C#, Java
Frameworks:
React, Vue, NextJS, NuxtJS, TailwindCSS
Web Services:
NodeJS , Express, AWS, Heroku, Git, Netlify, Vercel, Firebase, HTML5, CSS, SCSS, Docker, MongoDB, Prisma, GraphQL, Azure, GCP, Confluent Kafka, Artifactory
Industry Knowledge:
Full Stack Development, Algorithms, OOP, SDLC, TDD, UI/UX, CI/CD
Soft Skills:
Willingness to learn, Patience, Commitment, Attention to detail, Flexibility, Goal-Oriented, Adaptability, Empathy, Open-Mindedness

EDUCATION

Bottega University, Lehi, UT — *Full Stack Immersive*
OCTOBER 2020 - FEBRUARY 2021

DCCCD, Richland — *Associate of Applied Sciences*
AUGUST 2013 - MAY 2015

DCCCD, Eastfield — *Associate of Liberal Arts*
AUGUST 2011 - MAY 2013

changes were deployed automatically using the CI/CD connectivity between Gitlab and AWS Amplify.

Spreadsheets Full Stack Application

- Designed a spreadsheets interface inspired by Google Spreadsheets. With the React.js framework, reusable components were composed into a functional user interface with CRUD capabilities.
- Implementation of an Express.js server to provide the endpoints for the client-side Spreadsheet Interface.
- Design, Implementation, and Integration of a custom data persistence layer as a custom library, written in Javascript. This is then being injected into the express server to showcase integration of any viable ACID compliant database technology. The custom library used a CSV file to store all entries and would update the CSV as needed per request.

Core Takeaways

- Obtained proficiency with React.js and Redux state management principles for front-end applications.
- Obtained experience with AWS tools, EC2 instances, Amplify front-end hosting, and Lambda functions with the Serverless framework.
- Integrated third party API's into backend services { IE. Transactional API: (Plaid), Exchange API: (Astra), Verification API: (Shufti), Authentication API: (JWT-Passport Strategy) }.
- Gained proficiency using Git with both Github and Gitlab.
- Implemented Javascript and CSS based animations used to deliver robust UI / UX.