MATEO REY-ROSA

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Bilingual English & Spanish

EXPERIENCE

Software Engineer - Nike Inc., Beaverton, OR   September 2021 - Present

Worked on the Nike Platform Console, home to all internal tech platforms used by Nike software engineers.

- Led a cross team effort to rearchitect the Nike Platform Console as a set of microfrontends (**CDN**, **Single-Spa**)
- Used dependency caching, test parallelization and runner scaling to reduce deployment time by 30%
- Improved ease of use of the Nike Streaming Platform by creating dynamic forms (**React, Vite, Typescript**)
- Conducted 1 on 1 engineering interviews by creating interview questions and proposing hiring recommendations for the team resulting in two successful hires

IT Specialist - City of Salem IT, Salem, OR   October 2020 - June 2021

Deployed customer-facing web applications and developed municipal infrastructure monitoring.

- Enhanced admin capabilities for the citywide permit portal. Available at https://egov.cityofsalem.net/PACPortal
- Proposed and deployed alerting infrastructure leveraging the ELK stack to detect 10 application errors (**Kibana**)
- Improved officer safety by developing a dashboard for police to view arrest warrants and locate witnesses (**C#**)
- Reduced import times by 30 minutes in a court scheduling application by using C# parallelism (**.Net Core**)

Full Stack Software Engineer - Plan and Prep, Portland, OR   February 2021 - September 2021

Meal prep delivery service website that generated $40k in revenue in 4 months with 20 weekly active users.

- Gathered requirements and designed the backend to scale to over 100 unique visitors (**EC2**, **AWS**, **Auth0**)
- Integrated the Square API to enable online payment processing through the website (**C#**, **.Net Core**)
- Reduced the time to prepare all meals by 15%, as measured by total meal prep time, by designing an application to process orders and print labels for each meal ahead of time

Full Stack Engineer - ShoeBio Inc, Corvallis, OR   November 2018 - December 2019

Website for comparing sneaker prices using Amazon Web Services and the Google Cloud Platform.

- Used AJAX to optimize shoe price data retrieval and improved site performance by 20% (**JS, ElasticSearch**)
- Developed reusable frontend components to filter shoe sizes and prices (**AWS**, **C#**, **Elastic Beanstalk**)
- Implemented API tests using custom JSON schema validators to improve testing and quality assurance (**Postman**)

PROJECTS

Software Engineer - Stock Move Alerts, Salem, OR   December 2018 - June 2021

Built a CLI to receive stock information through SMS when certain market indicators are met.

- Managed multiple API integrations for receiving real-time market data (**Python**, **Twilio,** IEX Cloud, TD Ameritrade)
- Scaled system to 6 million daily events by migrating to serverless and rate limiting outbound API calls (**Python**)
- Reduced costs by 50% by using Cloud Storage (**S3**) as a cache to minimize expensive database calls (**MongoDB**)
- Connected Cloud Functions to a MongoDB database by configuring VPC Peering (**Google Cloud**)

EDUCATION

B.S. Computer Science - Oregon State University, Corvallis, OR   Fall 2017 - Spring 2021