PABLO ENRIQUE ORTEGA TAMAY

SOFTWARE ENGINEER

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PROFILE

5+ years of experience as a Software Engineer delivering high-performance and scalable production-ready products focused on using the best tools and practices to lower costs. Specialized in Frontend and experienced in Backend. Passionate about NextJS and T3 Stack. Highly adaptable to changes and to adopt new technologies.

SKILLS

Programming languages
JavaScript, TypeScript, HTML, CSS, Python

Libraries & Frameworks
React, Next.js, React Native, Astro, Tailwind, Material UI, ReactQuery, Zustand, tRPC, Mongoose, Prisma.

Tools & Platforms
Git, Github, Netlify, Vercel, Stripe, AWS [EC2, S3, Cloudfront, SQS, Lambdas, AppRunner].

WORK EXPERIENCE

ANHEUSER BUSCH INBEV   September 2022 - Present
Senior Full-Stack Developer
- Deliver high-quality, robust production code for the Anheuser Busch Inbev's points rewards system using technologies such as Node and AWS Lambdas.
- Troubleshoot and resolve issues related to both front-end components and back-end services in production environments, minimizing downtime, ensuring availability and improving user experience.
- Continuous improvement of execution times in Lambdas to lower costs and improve latency.
- Make unit tests for the latest released lambdas controllers.
- Provide production database support to customers with AWS CloudWatch.
- Collaborate with cross-functional teams, including designers, product managers, and other engineers to deliver new features and improvements to the website.

BLACKSTONE STUDIO   June 2021 - September 2022
Senior Back-end Developer
- Developed a scalable and reliable back-end API for Taxaroo using technologies such as AWS AppRunner, Node, NestJS, GraphQL, and PostgreSQL.
- Implemented Stripe payments, using Prisma and PostgreSQL to ensure security and compliance with data privacy regulations in the US.
- Developed a secure solution for storing sensitive tax data using AWS S3 bucket storage focusing on user privacy and security.
- Utilized agile methodologies to prioritize tasks and manage workload effectively, ensuring timely delivery of tasks and projects.
- Collaborated with the front-end and ux/ui teams, contributing to the development of React and Typescript components and ensuring seamless integration with the back-end API.
- Conducted thorough testing of the codebase, mocking up the application for integration testing and being able to continuously identify and resolve bugs improving overall code quality.

NETLOGISTIK   November 2019 – June 2021
Database administrator
- Supported and maintained multiple databases, ensuring optimal performance, security and fidelity of data at all times.

- Conducted regular backups and disaster recovery testing, minimizing the risk of data loss and ensuring business continuity.
- Troubleshooted and resolved database issues, including database errors related to user customized processes and connectivity issues.

PROJECTS

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Full-Stack Developer
- Developed a full-stack application using Next.js, creating a scalable and responsive user interface using React, Material UI and integrating with a back-end API developed in Node.js and deployed on Vercel.
- Responsible for the database design, implemented with Mongoose and MongoDB
- Develop a secure solution for storing data using AWS S3 bucket storage and pre-signed URLs to ensure privacy and security.
- Implemented Stripe payments gateway using variable prices depending on the user's necessities and webhooks for successful payments to ensure reliability.
- Implemented a shopping cart using zustand for unlogged users and react query for logged users.
- Implemented a user interface for administrator management to create, edit and delete tours and ships and upload/delete images.

EDUCATION

Bachelor of Science (B.S.) - Mechatronics Engineer   August 2014 - December 2019
Universidad Autónoma de Yucatán, Mérida, México.

LANGUAGES

Spanish Native   **English** Advanced (C1)