

Arantza Rodriguez

Bozeman, Montana

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Education

New York University

New York City, USA / Abu Dhabi, UAE

B.S. in Computer Science with minors in Interactive Media and Technology and Economics

Aug. 2015 - May. 2019

Professional Experience

Freelance (Self-Employed)

Bozeman, United States / Remote

Software Engineer

Jan. 2024 - Present

- Delivered scalable web application solutions for clients using HTML, CSS, JavaScript, and frameworks such as ReactJS.
- Conducted thorough assessments of project requirements, analyzing costs and risks associated with feature development and product delivery.

ONEHOPE Wine

Los Angeles, United States / Remote

Software Engineer

Apr. 2022 - Jan. 2024

- Architected and developed a successful back-end defensive outage system for a 3PL service in the application's checkout process using Node.js. Minimized order processing faults and increased annual revenue by 10%.
- Spearheaded a tech-enabled 3PL warehouse provider integration by designing a new architecture in the checkout process. Successfully migrated 95% of our order processing to this new workflow and optimized our warehouse storage capacity utilization.
- Revamped order and shipment procedures by restructuring the database, transitioning from an order/single shipment system to a scalable, cost-effective model: an order/multi-shipment system. Facilitated seamless integration of different 3PL shipment providers per order and reduced expenses by 15%. Remodeled notifications for enhanced communication efficiency.
- Redesigned the cart, checkout, and upsell components on the website that boosted wine subscription opt-ins by 25% using ReactJS, GraphQL, and Node.js. Demonstrated proficiency in full-stack development and prioritized user experience enhancements.
- Improved design document planning and review, enhanced project delivery timelines, strengthened code quality and contributed to PR reviews. Participated in bi-weekly demos and lunch-and-learn presentations.

Grabbd

London, United Kingdom / Remote

Lead Full Stack Developer

Dec. 2020 - Apr. 2022

- Led a team of two engineers and two quality assurance specialists to implement user interface features on native mobile applications.
- Participated in sprint planning sessions, determined requirements, and architected features.
- Developed and managed an administrator and business panel using ReactJS and Node.js. These tools allowed our internal and external business teams to view, update, and publish content to our mobile applications. Additionally, they provided access to monitoring and analytics systems.
- Designed and implemented a scalable push-notification and email architecture using Node.js, RabbitMQ, AWS, Redis, and a microservice architecture to accommodate a 700,000 active user base. Implemented analytics to track the effectiveness of the notification system and analyzed user engagement.
- Implemented scalable features to show personalized content on the mobile application to users based on their location, behavior, and preferences. Improved user retention and engagement by 50%.

PwC

Dubai, United Arab Emirates

Lead Full Stack Developer

Jun. 2019 - Dec. 2020

- **Tamm:** Led a team of three senior developers, a quality automation engineer, and a business analyst, and an external global outsourcing team from India, to implement a dashboard for the Department of Health to integrate 90+ services on the Tamm web platform.
- Developed and launched an end-to-end digital product to allow UAE nationals to undergo medical treatment, cutting process time by 39%; projected to be used by 10,000 patients in life-saving treatments in 2020 with the use of ReactJS, Node.js, TypeScript, and RESTful APIs.
- Gathered client business requirements, compiled product requirement documents, drafted technical specifications, conducted technical handovers, and led client demos.
- **GITEX:** Built a Smart LEGO City with over 15,000 LEGO pieces and 15 sensors to exhibit at the Gulf Information Technology Exhibition.
- Identified and integrated five data-driven scenarios: an air quality detection system; computer vision traffic management; garbage disposal overflow alert system; smart parking; and train incident detection.
- Integrated the scenarios with Arduino sensors, Raspberry Pis, Node.js, and RESTful APIs.

Skills

Technical Skills TypeScript, JavaScript, NodeJS, ReactJS, NextJS, Gatsby, Angular, Redux, Redis, Java, Python, GraphQL, MySQL, PostgreSQL, Cassandra, AWS, Unix, Git

Languages English, Spanish