Daniel Escoto

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SKILLS

Languages: TypeScript, JavaScript, C#, Swift, Python, SQL, Golang

Technologies: React, React Native, Jest, HTML, CSS, Tailwind, AWS, Kafka, Git, Splunk, CI/CD

Methodologies: Agile, Scrum, Test-Driven Development (TDD)

WORK EXPERIENCE

Frontdoor, Inc.   **February 2023 - Present**
Software Engineer
- Enhanced email delivery systems by enabling multi-recipient dispatch functionality, leading to a significant improvement in operational efficiency.
- Upgraded messaging services to Kafka, resulting in 20% faster processing speeds and increased system resilience.
- Instituted a new masked email logging approach, ensuring comprehensive privacy compliance and enabling complete auditability of communications.
- Introduced a secure configuration management system across multiple environments, improving security measures and operational reliability.
- Developed a flagship app using React Native, TypeScript, and Expo, contributing to its upcoming launch.
- Implemented a theme library utilized by multiple services, ensuring consistent design and user experience across applications.
- Collaborated closely with designers, product managers, and engineers using Agile methodologies to deliver a seamless user experience.
- Conducted extensive testing and debugging using Jest to optimize performance and ensure app stability.
- Developed automated testing pipelines using Jest and continuous integration tools (CI/CD), reducing manual testing time by 40%.

Perform   **December 2021 - October 2022**
Founding Software Engineer
- Engineered a running coach management system for over 40 coaches, managing 300+ athletes, using TypeScript and React.
- Problem-solved, coordinated, and released new features with running coaches, contributing to 99% server uptime.
- Migrated mobile app for athletes from Ionic React to React Native, enhancing app performance and user experience.
- Constructed email notification and daily digest systems for coaches and runners, improving communication efficiency.
- Coordinated integration and end-to-end tests for core flows, detecting critical production bugs and ensuring system stability.
- Mentored new engineers on the React codebase, reducing technical onboarding time by 50%.

Tata Consultancy Services   **August 2021 - December 2021**
Software Engineer
- Designed an online banking web application in half the projected time, enabling account creation and transaction management.
- Implemented AWS services including Elastic Cloud Compute (EC2), Elastic Load Balancer (ELB), and Relational Database Service (RDS) instances, achieving 99% server uptime.

EDUCATION

University of California, Santa Cruz   **Santa Cruz, CA**
Computer Science/Bachelors   *Sept, 2017 - June, 2021*
Linguistics/Minor