Cristian Butiri

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Summary

Full-Stack Software Engineer with more than 6 years of experience in the field. Interested in back-end technologies such as Ruby on Rails, Node.js or Go but also enjoy creating user-friendly interfaces, having more than 4 years of experience in React.

Personal Website

https://www.cristianbutiri.com/

Experience

Freeleance via Toptal @&Open

Senior Software Engineer
09/2022 - 01/2023
Responsible with improving the experience of Customer Support Managers by adding new features such as:
- Launched an administrative page for campaigns removing 80% of the software engineers' support work related to this area of the project
- Collaborated with the PM and 1 Lead Software Engineer for the integration of a new client by customizing 2 new themes for the React front-end and for the Slim email templates
- Upgraded the UI to surface errors coming from fulfiller integrations enabling CSM's to solve issues independently and removing another 20% of engineers' needed support

Freelance via Toptal @Influence Mobile

Senior Software Engineer
02/2021 - 08/2022
- Designed and developed a new web application from the ground up, using Ruby on Rails 6 and React 17+, to manage various mobile games' and apps' campaigns and offers for more than 100 clients
- Integrated the new app with existing systems by using AWS's SQS to keep both systems in sync while handling 1000+ messages per day
- Set up a real-time notification system by using web sockets to inform users of specific messages processed through the SQS queue to improve user experience from a score of 7.3 to 8.6

Take Off Labs

Senior Software Engineer, Cluj-Napoca, Cluj County
01/2019 - 03/2021
- Added 10+ endpoints to a REST API used by iOS and Android mobile apps, to allow golf players to register for events and track scores
- Improved the response times from about 30 seconds to 3 seconds per request by converting a classic HAML Ruby page to React components and using caching, pagination, and other optimization methods
- Engineered an integration system with a different provider to synchronize more than 10000 golf players' data, both on a daily basis as well as whenever an SSO sign-in occurred
- Conceived 1 background job to handle multithreaded requests to an external API and process the results

Projects

Draw Cells

- Collaborated with a Phd from Oxford University to launch a web app that allows users to easily create different types of animations for scientific presentations in less than 1 hour.
- Selected a tech stack including React 17, Typescript, Material UI 5, Firebase, Konva, React–Spring and many more React libraries

Flourish

- Created as a replacement for a company's service that managed campaigns and offers for mobile games and apps
- Founded using the latest technologies such as Rails 6 and React 17+ with Material UI 5 and deployed on AWS Services
- Introduced 2 AWS SQS queues (inbound and outbound) to keep in sync the legacy project with the new app

eCommerce API

- Produced during Toptal's NodeJS Accelerator and contained 2 services: 1 for user auth and management and 1 for product management
- Experimented more with libraries such as Node.JS 18 with Express 4 and Nest, Auth0 utilized as an authentication server and MongoDB with the Node library Mongoose 6

Skills

React, Ruby on Rails, Python, Node.js, JavaScript, Typescript, SQL, Express.js, PostgreSQL, MongoDB

Education

Computer Science

Babes-Bolyai University of Cluj-Napoca, Cluj-Napoca, Cluj County
07/2018

Bachelor's degree in Computer Science, graduated with a grade of 9.05/10