BRIAN DO

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SKILLS & QUALIFICATIONS

Programming Languages
Java, Kotlin, JavaScript (ES6), TypeScript, Python, HTML, CSS/SCSS, Go, SQL, R, Markdown

Frameworks & Platforms
React, Angular, jQuery, Node.js, Git, SQL, Wordpress, AWS (Lambda, DynamoDB, S3, CloudFormation, Cognito), Firebase, Docker

Business & Digital Media
Google Analytics, Agile, Microsoft Office, SEO, Online Marketing, Ecommerce, Photoshop, Illustrator, InDesign, Figma

EXPERIENCE

SLALOM BUILD (slalombuild.com) | Software Engineer Intern   JUNE 2019 – AUG 2019
- Developed a full stack web application for creating and managing company-sponsored hackathons
- Worked with a team of 10 people to develop the product using a tech stack of Angular 6 and AWS (Lambda, DynamoDB, S3, Cognito)
- Wrote unit tests in Jasmine for each front end component and each back end API service
- Presented project demos to stakeholders after each sprint to communicate team progress and project needs

PALLET (pallet.click) | Front End Developer Intern   MAR 2019 – JUNE 2019
- Worked with founders to conceptualize and implement new features to the website using a front end stack of React, Redux, and GraphQL
- Fixed various bugs and inconsistencies within the website to improve user experience and assist with reaching product MVP goals

PROJECTS AND OTHER EXPERIENCE

UW MARKETPLACE (bit.ly/uwmarketplace) | Full Stack Developer
- Created a React application for UW students to buy and/or sell their belongings on an online marketplace
- Developed a back end server in Go and wrote Bash scripts to Dockerize and deploy the web client and API server to AWS EC2 instances
- Implemented Redis and MySQL for managing users and sessions, Node.js microservices, and MongoDB for storing user listings
- Integrated RabbitMQ for sending messages through websockets to show real-time listing updates
- Wrote unit tests for each API endpoint and utilized test-driven development (TDD)

BOBA STOP (bit.ly/bobastop) | Mobile Developer (Android)
- Developed an Android app in Kotlin to display nearby bubble tea shops using the Yelp API
- Implemented a randomizer feature to generate random bubble tea flavors by tapping a button or shaking the device

COURSEVISOR (bit.ly/coursevisor) | Front End Developer
- Implemented and conceptualized idea for a website for students to review their UW courses
- Designed and developed front end components in React and Material UI
- Web scraped UW course catalog to populate courses database in Firebase

PLAYLISTER (bit.ly/playlisterproject) | Web Developer
- Created a website to display music recommendations based on the user's selected artist, genre, or playlist
- Fetched data from the Spotify Web API to generate artist and track recommendations based on the user's input

UNKNOWN TARGET (unknown-target.com) | Creator & Designer
- Designed products, handled online orders, and managed shipments to earn over $5,000 in sales
- Coded an admin portal in React JS to pull data from orders to calculate total net profit based on total revenue and expenses
- Promoted products on social media outlets such as Instagram, Reddit, and fashion forums to drive traffic to the website

BRIAN DO BEATS (briandobeats.com) | Creator & Web Developer
- Built website and implemented payments system, generating over $3,000 in total music sales
- Established YouTube channel and grew channel to over 500k views and 1,500 subscribers
- Produced, mixed, and mastered over 100 original hip-hop instrumental tracks

EDUCATION

University of Washington | Bachelors of Science in Informatics - Focus in Software Development   SEPT 2017 - JUNE 2020
Relevant coursework: Computer Programming I and II (Java), Data Structures and Algorithms (Java), Android Development (Kotlin), Client Side Web Development (HTML/CSS/JS/React), Server Side Programming (Golang), Databases and Data Modeling (SQL Server)