Todd Sandler

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in LinkedIn | ⏷ GitHub

Results driven Full Stack Developer with over 3 years of experience in designing and implementing robust, scalable web and mobile applications.

Proficient in Java, JavaScript/HTML/CSS, TypeScript, Angular, React, Azure, AWS.

Professional Experience

Full Stack Developer | **Kyloe Partners**   **Oct 2022 - Current**

- Spearheaded the redesign and implementation of the enterprise recruitment application, migrating legacy clients to our v2 product by utilising **Java**, **Micronaut**, **Angular**, **TypeScript**, **Azure DevOps**, and **AWS** to configure DynamoDB databases and set up client accounts, ensuring a seamless transition.
- Developed a copy-paste mechanism for complex fields between Word documents, using local storage to manage OOXML keys and context, ensuring templates remain intact and functional across documents.
- Optimised the development lifecycle and enhanced operational efficiency by consolidating in-house libraries into a mono-repo, automating deployment with Azure DevOps, and leveraging AWS technologies (**EC2**, **DynamoDB**, **SSM**, **S3**, **CloudWatch**), reducing deployment times by **85%**.
- Built an agnostic code framework to integrate diverse data sources, facilitating the seamless addition of new clients that bring complex data types, resulting in a **30%** expansion of client outreach.

Full Stack Developer | **PickGuru**   **Sep 2021 - Oct 2022**

- Designed and implemented a mobile gaming and live sports app, successfully launching it to over 3,000 customers using **Java**, **Spring Boot**, **React Native**, **JavaScript**, and **AWS** technologies.
- Developed a real-time and scheduled notification system, increasing user engagement and retention by **25%** by delivering immediate updates on game scores, events, and new in-app features.
- Engineered a backend game hosting platform for future service teams, facilitating the creation and management of games, events, player/team details and notifications, ensuring control over app content.
- Achieved a **96%** test coverage rate, guaranteeing app functionality and stability using **JUnit** and **Jest** even under heavy loads during peak app usage hours.

Personal Projects

Shopping List and Recipe App - *[GitHub Link]*

- Developed a recipe and shopping list app using **Angular**, **TypeScript**, and **Firebase**, allowing users to create and save detailed recipes and shopping list items in an online database.

Context-Aware Fitness Mobile App - *[GitHub Link]*

- Built a personalised context-aware workout assistant using **Java** and **Android Studio**, providing real-time feedback during workouts by utilising mobile phone sensor data.

Education

BSc Computer Science, First Class (**Hons**) - University of Leicester   **Sep 2018 - Jun 2021**

Related Coursework: Object-Oriented Programming, Algorithms and Data Structures, Advanced Programming, Internet and Cloud Computing, Operating Systems and Networks, User Interface and Design Evaluation, Computer Architecture.

Interests

Active club rower and chess player, winning competitions and achieving a 1600 English Chess Federation rank. Former tier 2 esports player, led multiple teams to top 10 European rankings, consistently winning tournaments.