Sterling Kelly

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Greater Boston Area   (978) 732-4214

EXPERIENCE

NGP VAN (Bonterra) Somerville, MA
Full Stack Software Engineer September 2021 - Present
- Utilized C#, React, Visual Basic, and SQL to develop client facing features for the Mobile Messaging, Process Automation, Payment Integration, and Election Readiness applications of the VAN CRM and API as part of an Agile Development Team.
- Maintained the Mobile Messaging application, which sends millions of messages yearly and must handle a peak load of at least 500k messages in a single day.
- Orchestrated refactoring projects to streamline the flow of stateful information for the Mobile Messaging and Process Automation applications through the implementation of suggested patterns within Redux including slices and selectors, leading to ~20% reduction in time spent on React bugs.
- Produced automated tests using the Selenium framework that simulate a normal user workflow to ensure that the Mobile Messaging application behaves as expected.
- Collaborated to plan and release a new payment system meant to handle 100% of our clients' payments for the Payment Integration application using Stripe Connect on an expedited timeline, while developing the onboarding segment of the work.

FundingDesk Remote
Automation Engineer October 2023 - Present
- Configured Zoho CRM according to the business requirements of a FinTech lending company.
- Constructed automations in the CRM to alleviate the daily workload of sales people, saving an average of 2 hours per day.
- Developed scripts using DelugeScript for additional functionality and special cases that were not handled by default in Zoho CRM.

Swing Campaign Remote
Co-Founder & CEO March 2020 - January 2022
- Founded Swing Campaign, where we developed an app that raised awareness around one's representatives and gave an idea of who best represented the user.
- Employed React Native and the Django Framework to write most of the code and lead the design team.
- Held user interviews to gauge feedback on the app and coordinated meetings for the Marketing, Political Outreach, and Dev Teams.

Cobu (Formerly Doorbell.me) Cambridge, MA
Front End Software Engineer Intern May-August 2018
- Improved Doorbell's Admin Application using React, creating functions that the operations team requested.
- Performed user interviews with residents regarding our app and events to improve their experience.

EDUCATION

CORNELL UNIVERSITY B.A in Information Science, 2020

SKILLS & INTERESTS

Computer Languages/Frameworks: React.js, C#, Python, Django, JavaScript/TypeScript, HTML, CSS, React Native, MySQL, Bootstrap, TailwindCSS, Java, PHP,
Languages: Introductory Japanese and Intermediate Spanish
Interests: App Development, Boston Celtics, Skiing, Fantasy Writing (Published Author of The Unknown), Travel, Film