Anam Soomro, E.I.T.

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SUMMARY

Software developer with hands-on experience as an engineer and a background in fast-paced, cross-functional environments. Through a history of roles in software, architecture engineering, and construction I demonstrate versatility and agility offering a unique perspective to troubleshoot technical issues and deliver solutions.

SKILLS

Python (Django), JavaScript (Vue, React, JQuery), Ruby (Ruby on Rails), AWS (DynamoDB, Cloudfront, Certificate Manager), Application Monitoring (Kibana, Sentry), Single Sign-On (Token-Based, SAML, OAuth), Database (Postgres, SQLite)

PROJECTS

Moneymoon - *Personal finance tracking application for couples to track their financial health, spending habits and overall trends*   Demo | Code

- Developed backend with Ruby on Rails with a Postgres database and frontend with JavaScript using React and Redux
- Integrated Plaid's API to authenticate users' bank credentials and exchange access tokens to retrieve financial information
- Utilized Redux to store and manipulate data on the client side to minimize calls to the server and create a seamless UX
- Implemented Chart.js to provide interactive data visualizations in a clean, digestible format for users

PictureShuffle - *Interactive single page application where users can select an image to shuffle and then race the clock to unscramble it*   Demo | Code

CaptionIt! - *Social media platform for users to upload images or caption other users' images to playfully compete for the funniest*   Demo | Code

EXPERIENCE

Software Development Engineer – Skilljar   **November 2021 – Present**

- Implemented new admin permissions to gate views and AJAX endpoints through authorization and controlled object access
- Query and aggregate organizational and user information as DOM context in order to create custom data-rich UI components
- Validate new features by creating unit test cases per product definition and assuring coverage of all new endpoints

Services and Support Engineer – Skilljar   **August 2020 – November 2021**

- Investigated unexpected behavior to correct user experience to be aligned with product definition and engineer implementation
- Deployed time-sensitive code changes and continuous improvement items to sustain engineering and support product initiatives
- Integrated customers and their end users from their existing ecosystem through domain configuration, SSO and custom code
- Empower customer success and product support to own technical communication through documentation and training
- Audited domains configured in Heroku and CloudFront by utilizing a script to review DNS resolution and remove accordingly
- Created an internal tool to simplify the release of multiple stages in a product launch vs an engineer doing it from the backend

Full Stack Developer – Flatiron School   **January 2020 – May 2020**

- Created full-stack applications fostering team collaboration, creativity, and diligence in independent exploration and learning
- Utilized version tracking through GitHub between multiple developers to ensure progress without jeopardizing working product
- Completed team projects with one-week turnarounds by assigning build priority and responsibility based off MVP structure

Project Engineer / Sustainability Consultant – The Beck Group   **May 2018 – January 2020**

- Led construction, design and owner teams in the compliance and documentation for compliance and certification onsite
- Corresponded between multidisciplinary teams of designers and contractors for the procurement and installation of materials
- Analyzed building designs for energy consumption, water consumption, use of healthy building materials and daylight access
- Consulted architecture design teams on incorporating sustainable design as best practice as well as for building certifications

Energy Modeler – alliantgroup, LP   **June 2016 – February 2018**

- Executed detailed analysis of building envelope, mechanical and lighting systems per construction documents and field reports
- Modeled building conditions to simulate energy performance of commercial, academic, healthcare, and residential buildings
- Worked on teams of engineers, project managers, lawyers to provide accurate and defendable studies for clients

EDUCATION

Flatiron School – Software Engineering   **May 2020**

University of Houston – Bachelor of Science in Civil and Environmental Engineering   **May 2016**