Jorge Buckley

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PROFILE

- Full-stack software engineer with expertise in React, specializing in building scalable UI applications and integrating AI/ML technologies. Proven ability to lead UI teams, deliver high-quality applications, and optimize marketing tech with generative AI.

EXPERIENCE

American Express   **Jun 2022 – Current**

Engineer I

- Led the front end team working on design and engineering for a generative AI tool creating marketing content using React and connecting to LLMs.
- Delivered REST APIs using Python that leveraged the use of Google Document AI to extract relevant information from PDF and Image data.
- Served as the React SME, leading interviews for engineer candidates, assessing technical proficiency and team fit.
- Created extensive code coverage of front end applications using Jest and React Testing library to ensure all deliverables were properly tested prior to deployment.
- UI lead across three scrum teams, overseeing the design and development of three marketing applications, resulting in consistent UI/UX standards and faster delivery cycles.
- Mentored junior engineers on React best practices, code quality, and performance optimization while conducting detailed pull request reviews to ensure adherence to standards and project requirements.

Engineer II

- Served as the UX designer creating Sketch file mocks that implement new features while maintaining the Amex brand through a design system library.
- Lead the UI development of a new digital asset manager for marketers to use when managing card offers using React and JavaScript.

Accenture   **August 2020 – June 2022**

Technology Senior Analyst

- Assisted several development teams with updating PEGA applications to meet ADA compliance standards (WCAG 2.1) by writing JavaScript functions, modifying PEGA templates, and designing UI/UX mockups.
- Helped run Boomi testing for EHRs in Salesforce, including creating SOQL queries to pull and compare values in a vaccination record system

PROJECTS

Personal Website – Developed a personal web application using Astro framework and Tailwind CSS, leveraging Cursor Agent to optimize development workflows and enhance proficiency in TypeScript.

Barter Bots – A web application created with React and Python that allows for a user to create a "bot" with an inventory of haves and wants that can autonomously identify potential trades with other bots to receive their desired items and allow the user to accept or decline the trades.

Ballot Tracker App – A progressive web app using Ionic and Angular that would allow a user to track the status of their mail-in voting ballot as well as view their registration information.

EDUCATION

University of Florida   **2016 – 2020**

Computer Science, B.S.E.

SKILLS

Languages: English, Spanish (Conversational)

Front-End: React, Redux, JavaScript, TypeScript, Angular, HTML, CSS/SCSS

Back-End: Java, Python, C++, Node.js, Express, REST, GraphQL

Databases: SQL, PostgreSQL, MongoDB

Testing/Tools: Jest, React Testing Library, Git, Sketch, Figma