Kevin Lizarazo

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EXPERIENCE

Software Engineer II — Sep 2022 - Present
Bank of America
- 2nd place company hackathon regional winner. Created React app to enhance risk operations capabilities.
- Built React app to support configuration and patching activities for internal risk rating software.
- Spearhead the effort to implement new end-to-end testing workflows into risk rating products.
- Lead remediation of all security vulnerabilities found within software used to support IRR.

Software Engineer Contractor — Mar 2022 - Sep 2022
Bank of America, Diversant LLC
- Built a microservice app using React to streamline transaction adjustments & reporting processes.
- Developed a VSCode Extension using React and TypeScript to support data processing efforts.

Associate Web Developer — Oct 2020 - Mar 2022
Council on Foreign Relations
- Developed features for CFR.org using technologies across the full web stack.
- Maintained a marketing page written in React for CFR's centennial site.
- Created command-line tool to help automate the creation and deployment of interactive graphics.
- Developed features, data visualizations, and tools to support CFR's web publications.

Design Technologist — Apr 2017 - Oct 2020
Council on Foreign Relations
- Implemented prototypes for a design system to support CFR.org's graphics redesign.
- Developed data visualizations and interactive slideshows for the CFR Editorial team.

Web Developer, Instructor — (Seasonal) 2015 - 2022
Stony Brook University, School of Journalism
- Developed showcases for student-journalist work on Gatsby and React.js-powered websites
- Collaborated with scientists to report on NASA's geological research in support of the upcoming Lunar mission.

PROJECTS

Concierge | *React, Next.js, TypeScript, Material UI, React-Query, ChatGPT* — May 2023
- Developed an AI-powered tool for Spotify users to explore music tastes and discover new songs.
- Utilized Next.js, React, Material UI, and TypeScript for seamless user experience and appealing interface.
- Integrated Spotify Web API and OpenAI's Chat API for insightful music listening habit analysis.
- Implemented authentication and session management with Next Auth for secure user experiences.

Vallenato | *D3.js, Express, Node, Webpack, CircleCI, Github Actions, Netlify* — July 2021
- Developed an interactive graphic creation utility to enhance the productivity of designers and developers.
- Enabled rapid prototyping with a single command, streamlining the project setup process.
- Automated deployments through GitHub and CircleCI integration, optimizing and reducing manual intervention.
- Leveraged Netlify for hosting and serving content, providing a robust and scalable solution for web delivery.

TECHNICAL SKILLS

Front-end: React.js, TypeScript, JavaScript, Tailwind, HTML5, CSS, Material UI, D3.js
Back-end: Node.js, Express.js, Next.js, react-query, Prisma
VCS and CI/CD: GitHub, BitBucket, Ansible, Jenkins, CircleCI
Databases:: MySQL, Oracle, Postgres

EDUCATION

Oregon State University
Bachelor of Science in Computer Science — *Aug 2023 - Present*

Stony Brook University
Bachelor of Arts in Journalism & Political Science — *Aug 2009 - May 2014*