Kevin Lizarazo

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EXPERIENCE: SOFTWARE ENGINEERING & WEB DEVELOPMENT

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 risk rating software.
- Spearhead the effort to implement new end-to-end testing workflows into all products for the risk rating team.
- Lead remediation of all security vulnerabilities found within all software used by the risk rating team.

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.

Web Developer, Instructor   (Seasonal) 2015 - 2022
Stony Brook University, School of Journalism
- Developed websites to showcase student work using WordPress, then Gatsby, and later Next.js.
- Collaborated with scientists to report on NASA's geological research in support of the upcoming Lunar mission.
- Taught student-journalists how to interview, produce, and edit multimedia reporting.

Associate Web Developer   Oct 2020 - Mar 2022
Council on Foreign Relations
- Developed features, data visualizations, and internal tools for the Editorial/Research teams.
- Maintained a marketing page written in React for CFR's centennial.
- Engineered data visualization tool to automate the creation and publication of interactive graphics.

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.

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*