Mustafa Alkaysi

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SUMMARY

Tech Lead at Deloitte, focusing on leading software development teams to deliver product implementations and tech strategy projects across various clients and platforms (React, Node.js, Java Spring Boot, Salesforce, Cloud). With a deep understanding of both client/user service and hands-on development, Mustafa is looking to bring a unique experience to his next opportunity.

WORK EXPERIENCE

Deloitte, LLP | Remote   **Feb 2015 – Present**

IRS - Taxpayer Experience Portal | *Tech Lead*   *Nov 2023 - Present*
Led a 10-person development team through key product releases, delivering capabilities for ~40M annual users to access financial data and submit digital forms via authorized accounts
- Developed front-end features and components using React / TypeScript to ensure a smooth user experience by optimizing state management, creating reusable UI components for use across enterprise teams, and integrating APIs to consume back-end data
- Designed and implemented data integration solutions between front-end React and Spring Boot back-end microservices to enable seamless and efficient communication with external and cross-environment APIs
- Conducted peer coding sessions and code reviews, training junior developers in front-end development and testing best practices to enhance product delivery efficiency
- Facilitate cross-functional discussions to identify and prioritize features that enhance the product journey and overall user experience

Deloitte Internal Software Portal | *Senior Front-End Software Engineer*   *Aug 2022 – Nov 2023*
Developed front-end components using React (16.8 / TypeScript) to build features for an internal portal cataloging AI/ML tools and platforms
- Built interactive UI components enabling users to view, save, and like tools, enhancing engagement/discoverability across the platform
- Designed responsive, accessible interfaces using Tailwind and Material UI as part of reusable component development
- Set up end-to-end CI/CD pipeline via GitHub Actions with integrated Storybook and Cypress for component-level testing and validation

Federal Railroad Admin. - Positive Train Control Portal | *Product Manager*   *Jan 2022 – Aug 2022*
- Led development of a tracking portal for railroad safety analytics and incident reporting across multiple rail operators; partnered with product owners to define safety data use cases and built a React-based prototype with Salesforce integration to enable long-term analysis and streamlined data submission.

Dept. of Transportation - Cloud Strategy | *Cloud Senior Tech Strategist*   *June 2021– Jan 2022*
- Led a cross-functional team of engineers and SMEs to conduct an IT assessment and design a hybrid cloud architecture integrating Azure, AWS, and on-prem environments to drive the clients IT modernization strategy

USDA - ReConnect Grants Management Portal | *Front-End Software Engineer*   *Sept 2019 – June 2021*
Developed and deployed front-end web components for a public-facing Grants Management Reporting & Compliance Portal leveraging JavaScript and Salesforce platform
- Built and deployed scalable front-end web components using JavaScript, enhancing usability and accessibility across the public-facing Grants Management Portal
- Collaborated with cross-functional teams to translate technical requirements into user-centric UI features, balancing feasibility with platform constraints using Salesforce and custom web components
- Led front-end deployment workflows by defining Git branching strategy and managing CI/CD pipelines, streamlining delivery across multiple environments

Gov. of Puerto Rico Treasury - IT Transformation | *Tech Strategist*   *Sept 2017 – Sept 2019*
- Assessed post-hurricane IT environment/tech stack and developed a cloud migration strategy with a prioritized roadmap and target architecture to modernize the Puerto Rico Treasury's technology landscape.

IRS - Legacy System Modernization | *Technology Analyst*   *Feb 2015 – Sept 2017*
- Facilitated cross-functional scrum team to modernize a large-scale legacy system by translating legacy workflows into user stories, managing sprint planning, backlog grooming, and coordinating agile delivery

PROJECTS

[Wealth Map](#)   **Dec 2022 – Present**
- Developed and deployed full-stack Next.js, Node.js, and MongoDB web application to provide users with financial direction based on retirement goals, income, debt, and asset balances; Tech stack included Tailwind UI, NextAuth.js (user and API authentication), Express.js, MongoDB, Postman, GitHub Actions, and Playwright for automated testing

[REI Copilot](#)   **Jul 2021 – Dec 2022**
- Developed React front-end feature components and developed automated testing for MERN stack, enabling real estate investors to manage property investment portfolios

EDUCATION, CERTIFICATIONS, & SOFTWARE

Temple University | Philadelphia, PA   **Dec 2014**
B.S, Mechanical Engineering, Cum Laude – 3.58 GPA

- **Certifications:** AWS Certified Cloud Practitioner, Salesforce Certified Administrator, Salesforce Certified CPQ Specialist, Certified ScrumMaster, Certified SAFe Agilist
- **Software/Tech:** Jira, GitLab, BitBucket, React.js, Redux, Next.js, MongoDB (NoSQL), Mongoose, GitHub, GitHub Actions, Git, Node.js, Express.js, Postman, Storybook, Cypress, Playwright, Tailwind UI, Material UI, React Query, Axios, Angular, ES6, JWT, OAuth
- **Interests**: Hiking/backpacking, rebuilding motorcycles, sci-fi novels, basketball (go Sixers), Formula One