Kenan Franklin

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CYBERSECURITY & FULLSTACK DEVELOPER

CompTIA Security+ certified Senior Full-Stack Engineer with over 8 years of experience developing secure, scalable, and high-performance web applications. Expertise spans the full stack, from architecting robust design systems in React and Angular to building backend services with Ruby on Rails. A skilled data analyst adept at transforming complex datasets into actionable visualizations and leveraging AI prompt engineering to drive decision-making and innovation.

KEY COMPETENCIES

Frontend:
React, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, AEM, Bootstrap, jQuery

Backend & Databases: Ruby on Rails, NodeJS, PostgreSQL, REST APIs, Microservices, JSON
DevOps & Testing: AWS, Docker, Jenkins, Harness, TDD, Jest, Jasmine, Karma, Cypress

AI & Data: AI Prompt Engineering, Data Visualization, Data Analysis
Design & Collaboration: Figma, Sketch, Adobe Creative Suite, Confluence, Jira, Agile Methodologies

PROFESSIONAL EXPERIENCE

IBM   **July 2023- Present**
Cybersecurity Analyst & Full Stack Developer
Spearheaded full-stack development and data analysis for key government contracts with the DHS, DoD, and US Army. Led the architecture and deployment of secure, scalable web applications and data visualization UIs. Enhanced operational efficiency by building CI/CD pipelines and ensuring strict adherence to 508 accessibility and security compliance standards.

Accomplishments:

- **Project: Department of Homeland Security (DHS) USCIS**
- Develop and maintain secure, scalable web applications using React, Ruby on Rails, and PostgreSQL within a microservices architecture.
- Ensure all solutions for case management systems adhere to strict 508 accessibility, DHS security, and performance compliance standards.
- Spearheaded accessibility tasks, conducting 508 audits in alignment with WCAG guidelines to ensure full compliance.
- Lead frontend feature implementations with React, managing dependencies and collaborating with designers to create user-centered interfaces.
- Build and maintain CI/CD pipelines with Jenkins and Harness to streamline deployment and reduce delivery time across environments.
- **Project: Army Data Protocol Team (CTO's Office)**
- Architected and deployed a robust, intuitive React-based UI solution to facilitate complex data analysis for the Army Data Protocol team.
- Transformed complex JSON datasets into actionable, interactive visualizations, enabling data-driven decision-making.
- Utilized Docker for containerization and deployed UI applications to AWS EC2, ensuring consistent and reproducible environments.
- **Project: Department of Defense (TRMC)**
- Designed and prototyped a functional, dynamic navigation bar using Angular, featuring environment-specific color schemes and status messaging.
- Revamped user documentation in Confluence, performing a comprehensive review to identify and resolve gaps, enhancing clarity and user experience.
- Obtained CompTIA Security+ certification while contributing to the project.

Delta Airlines   **July 2022 - January 2023**
Senior UI Developer
Directed UI development for key consumer-facing and internal projects, including Delta.com and AMEX applications. Championed modern frontend practices like Test-Driven Development (TDD) and built a library of reusable, dynamic components in Angular 12 to enhance user experience and development efficiency.

Accomplishments:
- Led the development of modern UI components for Delta.com and internal AMEX projects using Angular 12 and AEM assets.
- Championed Test-Driven Development (TDD) practices, achieving over 95% test coverage and ensuring high-quality feature delivery.
- Built reusable, dynamic, and responsive single-page applications and components with TypeScript, HTML5, and CSS3.

Bloom Institute of Technology   **January 2022 - July 2023**
UX/UI Instructor Manager

Managed and mentored a national team of UX/UI lead instructors and teaching assistants. Drove instructional excellence by implementing quality assurance protocols and analyzing student feedback. Partnered with curriculum and career services to ensure program content aligned with current industry demands, fostering positive student outcomes.

Accomplishments:
- Recruited, managed, and coached a team of lead instructors and teaching assistants, overseeing performance and professional development.
- Maintained high standards of instructional quality by observing virtual classes and analyzing student feedback (NPS).
- Partnered with curriculum and career services departments to align instructional content with current job market demands.

Verizon Connect   **January 2020 - July 2022**
Senior UI Engineer

Led the greenfield architecture and development of a mobile-responsive fleet management application using Angular 8 and 10. Oversaw the entire frontend development lifecycle from proof of concept to live application, collaborating closely with design teams and mentoring junior engineers to ensure high-quality, error-free results.

Accomplishments:
- Led the greenfield development of a mobile-responsive proof of concept and live application in Angular 8/10 for a fleet management platform.
- Collaborated with design teams to translate mockups into functional application features and provided technical guidance across functions.
- Mentored junior team members on code standards, best practices, and agile methodologies to ensure deadlines were consistently met.

Capital One
Staff Software Engineer   **October 2017 - November 2019**

Operated as a key developer in the Credit Admin space, enhancing a customer-facing UI with Angular 5. Provided critical support for a large-scale enterprise data migration from on-premise infrastructure to the AWS Cloud.

Accomplishments:
- Developed and enhanced a customer-facing document management UI built with Angular 5, Go, and Java.
- Contributed to a large-scale enterprise data migration from on-premise servers to the AWS Cloud Infrastructure.

EDUCATION

General Assembly

Certification in FullStack Web Development

Atlanta Metropolitan State College

B.A. in Digital Media, Film and Entertainment Studies