# Kenan Franklin

**Phone:** 6789749864
**Email:** kenan.franklin@ibm.com

## Education

Certification in Web Development, General Assembly, US

B.A. Digital Media in Film and Entertainment Studies, Atlanta Metropolitan State College, US

## Digital Credentials

CompTIA Security+ ce Certification - 2023

## Languages

English - Fluent

Spanish - Good

## Profile

With over 8 years of experience, I'm a seasoned UI developer and data analyst skilled in crafting exceptional digital experiences. I excel at translating complex data into intuitive, user-centric interfaces. My expertise lies in architecting and implementing robust design systems within Agile environments, ensuring seamless user journeys across web, desktop, and mobile platforms. I possess a deep understanding of responsive design principles and am proficient in leveraging data analytics to inform design decisions and optimize user experiences.

## Key skills

Confluence, Angular, React, TypeScript, Javascript, AWS, JQuery, AEM, HTML5, Bootstrap ,CSS3, SASS, NodeJS, REST, JSON, API, MicroServices, Figma, Sketch, TDD (Test Driven Development ), Jest, Jasmine, Karma, Cypress, Jenkins, Adobe Creative Suite

## Work experience

### Full Stack Developer
IBM - DHS/ USCIS, United States | Nov 2024 - Present

• Develop and maintain secure, scalable web applications using **React, Ruby on Rails, PostgreSQL, Docker**, and microservices architecture
• Support USCIS case management systems and workflow tools, ensuring adherence to **508 accessibility**, **DHS security**, and performance compliance standards
• Lead frontend feature implementations with **React**, managing dependencies via **npm** and **Yarn**, and collaborating with designers for user-centered interfaces
• Build and maintain CI/CD pipelines with **Jenkins** and **Harness** to streamline deployment and reduce delivery time across staging and production environments
• Create, document, and maintain RESTful APIs and background jobs in **Rails**, integrating with PostgreSQL databases using ActiveRecord and custom SQL queries
• Troubleshoot and resolve application issues across the full stack, including containerized services via **Docker** and cloud-hosted environments
• Collaborate within Agile teams, contributing to user stories, sprint planning, and documentation using **Confluence** and **Jira**
• Partner with cross-functional stakeholders including federal employees, QA testers, security engineers, and product owners

### Web Developer & Data Analyst
IBM, United States | Jul 2023 - Present

Project: Army Data Protocol Team (CTO's Office)
April 2024 - August 2024

In my role as a Subject Matter Expert (SME) and UX Designer, I played a pivotal role in developing and deploying a robust React-based UI solution for the Army Data Protocol team. Key contributions included:
UI Development: Conceived, designed, and built an intuitive React-based interface to facilitate data analysis.
UX Design: Crafted a user-friendly and functional prototype, ensuring a seamless user experience.
Deployment: Utilized Docker for efficient deployment to an AWS EC2 environment.
Data Visualization: Transformed complex JSON datasets into actionable insights through clear, interactive visualizations.
Full-Stack Expertise: Applied comprehensive skills in component architecture and cloud infrastructure to deliver a live product that supports critical data analysis and decision-making processes.

Frontend Development: Leveraged React framework to architect, develop, and maintain reusable UI components and elements.
Data Processing and Visualization: Performed in-depth analysis and restructuring of JSON data structures to extract, transform, and load (ETL) relevant information. Implemented data visualization techniques to present complex data insights in a clear and actionable manner within the UI.
Deployment Engineering: Utilized Docker for containerization of UI applications, ensuring consistent and reproducible deployments. Configured and managed an AWS EC2 instance as a deployment target, optimizing resource allocation and security.
Prototyping: Rapidly developed interactive UI prototypes to validate design concepts, gather user feedback, and iterate on product features.

Project: TENA (TRMC) - JULY 2023 - APRIL 2024
Performed comprehensive review and identified gaps and discrepancies.
Created a clear and consistent presentation strategy for improved user experience. Enhanced clarity and accuracy of documentation content.
Wireframe and Prototype interactive navigation bar:
Designed and developed functional HTML/JS prototype with dynamic features. Implemented menu display, environment-specific color schemes, and status message area.
Led comprehensive review and inventory of existing documentation. Developed user-focused presentation strategy based on identified needs.

## Senior UI Developer
Next Level Business, dba Delta Airlines, United States | Jul 2022 - Jan 2023

Led & developed modern UI for Delta.com & internal AMEX projects in Angular 12, utilizing AEM assets.
Championed test driven development (TDD) practices, achieving 95%+ test coverage & quality features.
Prioritized features & provided accurate estimates, collaborating with Business Analyst & Project Managers.
Built reusable & dynamic single-page apps & components with Typescript, HTML5, CSS3, & APIs.
Fostered Agile collaboration across QA, Design, Dev, & Management teams.

### UX UI Instructor

Bloom Institute of Technology, United States | Jan 2022 - Aug 2022

Teaching daily live, HTML, CSS, React code-alongs via Zoom, explaining complex concepts simply, using real-life examples, exercises, and storytelling
Providing learner support, encouraging struggling learners and challenging those who are excelling
Creating curriculums, providing curriculum feedback and reporting learner progress to Instructor Manager
Debugging code errors and troubleshooting software issues with students

### UX UI Instructor

Georgia Tech, United States | Mar 2021 - Dec 2022

User-Centric Design Research using Qualitative and Quantitative Practices, Information Architecture and Flow, User Need Identification, User Experience Interviewing, Proto-Personas, and Insight Synthesis
Visual Prototyping and Wire-framing using Photoshop, Illustrator, XD, Keynote, Storyboarding, Decision Mapping, and Decision Flow Diagrams User Interface Development employing Atomic Design, UI Grids and Composition, Color Theory, Heuristic Metric Creation, Typographic Theory, Interaction Design, and Iconography
Web Prototyping and Development Languages HTML5, CSS3, Bootstrap, JavaScript, and jQuery

### Senior UI Engineer

Verizon Connect, United States | Jan 2020 - Jul 2022

Green-fielded mobile responsive Angular 8 and 10 proof of concept and live application for the current platform for Vehicle Device and Fleet Management and diagnostics
Oversaw design and develop front-end applications
Collaborated with the design team to flesh out application features, create application mockups, and convey those conversations to junior developers
Debugging code errors and troubleshooting software issues. Writing and Conducting application tests and tweaks.
Provide Front End technical guidance across functions (Estimations, UI/UX guidelines, use of React in place of Angular)
Fully test and troubleshoot work, ensuring consistently error free, high quality results.
Mentor junior team members, ensuring that code standards and deadlines are consistently met.

### Software Engineer

Capital One, United States | Oct 2017 - Nov 2019

Operated in Credit Admin space as a Developer building out and improving their User Interface, written in Angular 5, for the customer's document management experience.
Assisted Enterprise with working solutions for Data Migration from On-Prem to AWS Cloud .

**Director of Marketing and Web Development**

HEALing Community Center, United States | Apr 2016 - Apr 2017

Responsible for the web and branding strategy. Designed, developed, and relaunched responsive customized website focused on user interaction across all devices.
Build templates for coding, design, comps, mockups and wireframes in Sketch.
Architect the code-base according to community standards to allow for reusable components and easy parallel development.

## Assignment history

### UI Developer & Data Analyst

Army Data Protocol (CTO) | Apr 2024 - Present

Project name: ADP

Developed a React-based data visualization application to enhance data analysis capabilities within the Army Data Protocol team. The application utilized Docker for efficient deployment to an AWS EC2 environment, enabling rapid prototyping and iterative development.

Contribution

Frontend Development: Leveraged React framework to architect, develop, and maintain reusable UI components and elements.

Data Processing and Visualization: Performed in-depth analysis and restructuring of JSON data structures to extract, transform, and load (ETL) relevant information. Implemented data visualization techniques to present complex data insights in a clear and actionable manner within the UI.

Deployment Engineering: Utilized Docker for containerization of UI applications, ensuring consistent and reproducible deployments. Configured and managed an AWS EC2 instance as a deployment target, optimizing resource allocation and security.

Prototyping: Rapidly developed interactive UI prototypes to validate design concepts, gather user feedback, and iterate on product features.

### Web Developer

Department of Defense, United States | Jul 2023 - Apr 2024

Project name: Test Resource Management Center (TRMC) Website Services (TWS)

TWS are used when a group needs to
- Share information and files
- For group collaboration
- For distribution to others outside of group
- Manage and track issues and tasking
- Manage software code and artifacts
- Manage and distribute TENA OMs and related products

Performed comprehensive review and identified gaps and discrepancies.

Created a clear and consistent presentation strategy for improved user experience. Enhanced clarity and accuracy of documentation content. Wireframe and Prototype interactive navigation bar:
Designed and developed functional prototype (Angular) with dynamic features.
Implemented menu display, environment-specific color schemes, and status message area.
Led comprehensive review and inventory of existing documentation. Developed user-focused presentation strategy based on identified needs.

Contribution

Revamped user documentation in Confluence:
Performed comprehensive review and identified gaps and discrepancies.
Created a clear and consistent presentation strategy for improved user experience.
Enhanced clarity and accuracy of documentation content.
Prototyped interactive navigation bar:
 Designed and developed functional HTML/JS prototype with dynamic features.
 Implemented menu display, environment-specific color schemes, and status message area.
 Led comprehensive review and inventory of existing documentation.
 Developed user-focused presentation strategy based on identified needs.
I also obtained CompTIA Security + certification during my time on this project