

NAHEED VIRK (US Citizen)
UI/UX Developer/Front-End Developer
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PROFILE SUMMARY

Seasoned Sr. UI/UX Developer with over 15 years of experience delivering impactful, user-centric digital experiences across financial services, healthcare, automotive, and e-commerce industries. Skilled in designing and developing intuitive, accessible, and responsive web/mobile applications, adhering to industry standards like WCAG and IEC 62304. Adept at collaborating with cross-functional teams and mentoring junior designers to foster innovation and high-quality outputs.

DOMAIN SKILLS

- UI/UX Design & Development
- Usability Analysis & Accessibility Standards (WCAG, IEC 62304)
- Interaction Patterns & Design Systems
- User Research, Wireframing, Prototyping
- Information Architecture & Process Optimization

TECHNICAL SKILLS

- **Design Tools:** Proficient in Figma, Sketch, Adobe XD, and Axure RP for creating intuitive and visually appealing user interfaces.
- **Front-End Development:** Extensive experience with HTML5, CSS3, Tailwind CSS, GraphQL, React, Redux, Angular (V14), Vue.js, TypeScript, JavaScript, and npm.
- **Mobile Development:** Competent in mobile app development using React Native and Flutter.
- **APIs & Databases:** Adept in working with RESTful APIs, Node.js, MongoDB, and MySQL for robust backend integration.
- **Back-End Development:** Proficient in **Python** (self-taught) and **Laravel** for server-side development and API creation.
- **Performance Optimization:** Skilled in implementing lazy loading, code splitting, and responsive design principles to enhance application performance.

- **Testing Tools:** Experienced with Jest, Jasmine, Karma, Lighthouse, and Axe for unit testing, integration testing, and accessibility audits.
- **Cloud & Deployment:** Proficient in **AWS** and **GCP** for front-end development, ensuring scalable and reliable applications.

Additional Expertise

- Experience integrating **Vue.js** with **Laravel** for conditional manipulation of Vue instances and components, using EventBus, refs, slots, and bindings.
- Proficient in developing web applications using **Vue CLI** with **VueRouter**, **Vuex**, and **Axios** for API calls.
- Skilled in integrating **Vue.js** and **React** with **PHP**, **Laravel**, and **WordPress** to build dynamic and responsive web solutions.

PROFESSIONAL EXPERIENCE

Client – HSBC, New York

Jan'2024 - Present

Lead UI/UX Developer /Front end Developer

Key Achievements and Responsibilities

- **UI/UX Design:** Crafted intuitive UIs for financial apps using Figma, ensuring WCAG and IEC 62304 compliance.
- **Front-End Development:** Built scalable SPAs with Angular, React, Redux ,Vue.js, and GraphQL, leveraging TypeScript for maintainable, modular code.
- **API Integration:** Integrated RESTful APIs, real-time data streams, and dynamic content using Node.js and MongoDB.
- **Mobile Development:** Developed cross-platform apps with React Native and Next.js, ensuring seamless performance across iOS and Android.
- **Cloud & Containerization:** Deployed apps on GCP using Kubernetes (GKE) and Docker; collaborated with AWS CloudWatch and Azure DevOps for microservices deployment.
- **Performance Optimization:** Improved load times using lazy loading, code splitting, and advanced JavaScript techniques.
- **Testing & Automation:** Automated builds, testing, and deployments using AWS Code Pipeline, AWS Code Build, Jest, and Selenium.

- **Mentorship & Collaboration:** Guided junior developers on UI/UX, accessibility, and modern frameworks while working with cross-functional teams on regulatory-compliant software.
- **Accessibility & Performance Tools:** Enhanced app performance and accessibility using Lighthouse, Axe, and WCAG validators.

Client - Kaiser Permanente

Aug'2022 – Dec'2023

Lead UI/UX Developer/ Front end Developer

Key Achievements and Responsibilities

- **Healthcare UI/UX Design:** Led UI/UX for healthcare platforms using Axure RP, ensuring WCAG and IEC 62304 compliance. Designed reusable components with React, Angular, Vue.js, and Next.js.
- **Front-End Development:** Built user-friendly interfaces with HTML5, CSS3, Tailwind CSS, Bootstrap, React, Redux, Angular 9, JavaScript, and Node.js.
- **Cross-Platform Apps:** Developed React Native and Flutter apps for iOS and Android, integrating RESTful APIs and managing state with Redux/MobX.
- **Performance Optimization:** Built dynamic SPAs using OOP principles and design patterns (Singleton, Factory, Observer). Improved performance via lazy loading, code splitting, and Docker-based GCP deployments.
- **Application Management:** Handled development, testing, debugging, and deployment. Used JavaScript testing frameworks like Jasmine, Jest, Cucumber, and Karma.
- **Native Mobile Development:** Built iOS apps with Swift/Xcode and Android apps with Android Studio. Automated mobile CI/CD pipelines.
- **Microservices & APIs:** Integrated front-end with RESTful and GraphQL APIs, using Swagger and Postman for testing.
- **Cloud & Monitoring:** Optimized performance with Amazon CloudWatch monitoring and log analysis.
- **Compliance & Testing:** Automated unit, integration, and E2E testing with Jest under IEC 62304 standards. Contributed to risk management for safety-critical healthcare systems.
- **Testing & QA:** Participated in Selenium testing with JavaScript Mocha/Chai and Vue.js testing with Jest.

Client – International Medical Group, Indiana

Nov'2022 – June'2023

Title - Lead UI Web Developer (Part-time)

Key Achievements and Responsibilities

- Worked with React.js to improve and enhance the functionality.
- Developed and maintained React components using React Hooks and functional components.
- Integrated Redux for state management, including creating actions, reducers, and selectors.
- Used NPM and Yarn for installing required dependencies and managing third-party libraries.
- Built reusable components and templates to streamline development and ensure consistency across the application.
- Debugged and fixed issues to enhance performance and improve user experience.

Client - Ford Motor Company

Aug'2015 – Jul'2022

Title - UI/UX Developer/ Front end Developer

Key Achievements and Responsibilities

- An active team member of WaMe (Web and Mobile Enablement) Group
- WaMe managed the Ford Reference Application (JAB) using the React framework with UI libraries such as Material-UI and Bootstrap.
- Used React.js (React 15 to React 17) to develop and enhance UI components, handling events, forms, and state management across multiple modules.
- Implemented various UI components with Bootstrap, CSS, and SASS, ensuring responsive design and accessibility.
- Integrated RESTful APIs with Fetch API and Axios to handle POST, PUT, DELETE, and GET requests for backend communication.
- Developed cross-browser compatible applications using HTML5, CSS3, JavaScript (ES6+), and React.js.
- Responsible for UI architecture, designing and developing reusable React components while leveraging libraries such as React Table and React Router.
- Migrated class-based components (React 15/16) to functional components with React Hooks (React 16.8+) for better performance and maintainability.
- Implemented various UI modules using JavaScript, Redux (Thunk & Saga), and prebuilt components from NPM.

- Involved in end-to-end (e2e) testing using Selenium (2015–2018) and Cypress (2019–2022) to ensure smooth application workflow and meet business requirements.
- Developed unit tests using Jest and Enzyme (React 15/16), React Testing Library (React 16/17) to ensure application reliability.
- Worked in an Agile-driven environment following Scrum methodologies, actively participating in sprint planning, daily stand-ups, and retrospectives.
- Provided frontend expertise to other teams, collaborating on styling and functionality enhancements.
- Resolved cross-browser compatibility issues across platforms like Internet Explorer, Chrome, Firefox, and Safari.
- Conducted modern browser remediation (2019–2022) to ensure legacy applications function smoothly on contemporary browsers by:
 - Updating HTML, JavaScript, and CSS to meet modern web standards.
 - Resolved all the issues with existing applications to meet the modern browsers requirements.

Client - JSTOR/ITHAKA, Ann Arbor, MI

Jun'2011 – Jul'2015

Title- UI/UX Developer/ Front end Developer

Key Achievements and Responsibilities

- **UI/UX Design & Prototyping:** Led the design of academic library platforms using **Balsamiq**, developed wireframes and prototypes in **Axure RP**, and designed academic search interfaces with **Sketch**, focusing on accessibility and efficient content retrieval. Created responsive designs for seamless desktop and mobile experiences.
- Follow design from UI/UX team to develop a search component with Laravel / VueJs for main pages
- **Usability & Accessibility:** Conducted usability testing with **User Testing** to enhance navigation and interaction with academic content. Ensured **WCAG** compliance using **WCAG Validator**, making platforms accessible for all users.
- **Platform Optimization:** Streamlined user registration and login processes with **Optimizely**, reducing access barriers. Redesigned **JSTOR**

with **Sketch**, improving layouts and navigation to optimize the user experience.

- **Visual Design & Collaboration:** Created promotional designs with **Canva** to increase platform engagement and collaborated with cross-functional teams via **Jira** to ensure project alignment and progress.

Client: Kaplan Financials, La Crosse, WI

May'2010 – Nov'2010

Title - UI/UX Developer / Front end Developer

Key Achievements and Responsibilities

- **UI/UX Design & Prototyping:** Designed interactive interfaces for financial certification courses using **Axure RP**, created wireframes and user flows, and developed responsive web platform designs with **InVision** to ensure consistent, accessible learning experiences across devices.
- **User Research & Accessibility:** Conducted user research with **SurveyMonkey**, gathering feedback to enhance the LMS interface. Ensured accessibility compliance using **WCAG Validator**, making the platform inclusive for all students.
- **Collaboration & Mentorship:** Worked with stakeholders using **Sketch** to align the student experience with educational content and mentored junior designers via **Miro**, promoting design consistency and best practices.
- **Platform Optimization & Branding:** Redesigned course registration and student portal interfaces with **Canva**, simplified the enrollment process with **Marvel App**, and maintained consistent branding, ensuring alignment with the platform's mission and values.

Client: Chrysler Corporation, Auburn Hills, MI

Mar'2005– Apr'2010

Title- Web Application Developer

Key Achievements and Responsibilities

- **Managed & Enhanced Transmittal Database System:** Maintained a critical system for identifying and resolving vehicle issues.
- **Feature Development & Support:** Provided support, maintenance, and feature enhancements to improve system functionality.
- **User Collaboration:** Worked closely with end users to troubleshoot and resolve issues efficiently.

- **Technology Stack:** Java/J2EE, JSP, Servlets, Java Beans, JavaScript, HTML, WebSphere 6.02, DB2, SQL Server, Stored Procedures, Dimension, Unix, Dreamweaver, Fireworks.

EDUCATION

B.S. (Computer Science) Wayne State University, Detroit MI