**Ahad Hussain Bokhari**

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Candidate location: Memphis, TN

Candidate shipping address for laptop delivery: 3293 Remington Trace,Memphis, TN 38119

Candidates work authorization: US Citizen

**Summary:**

* Lead React & full-stack engineer / leader with 15+ years’ experience focused on delivering exceptional results in the financial enterprise, and between multiple verticals & industries.
* Results-driven engineer focused on modernizing front-end and full-stack systems through scalable type-safe architecture, cloud native tools and AI powered development.
* Highly adaptable to changing technologies, able to pivot strategies to new objectives and conditioned to design adaptable solutions that often require cross-team collaboration and buy-in from multiple stakeholders.

**Education:**

* Bachelor of Computer Science, Jun 2005 – Aug 2009   
  PIMSAT

**Courses & Certifications:**

* Google AI Essentials Course
* AI for Everyone
* IBM AI Engineering Professional Certificate (On going)

**Professional Experience**:  
**Nomura Holding Americas, New York City, NY Feb 2020 – Mar 2025**

**VP Technology, Equites Group**

* Partnered closely with business (traders) and product stakeholders to architect performant front-end solutions for the Equities group using React and TypeScript.
* Translated complex trading workflows into modular, scalable UI components and championed reusable patterns to accelerate delivery across high-volume trading platforms.
* Designed and delivered high-performance, real-time trading components supporting message-driven, high-frequency workflows.
* Engineered features such as efficient state management, throttled rendering, smart reconnection logic, and configurable subscriptions to handle data-intensive streaming scenarios.
* Influences core design and software patterns to handle dynamic views dependent on rich data sets.
* Features worked on include data-grids, trade blotters, trade booking & execution workflows, dynamic, advanced searching & filtering, virtualization, batch actions, bulk uploads and complex forms supporting multi-step flows, conditional rendering and dynamic validation.
* Collaborated with devops to lead the front-end modernization initiative by migrating applications to AWS Cloud using S3, CloudFront, and Route 53, enhancing global performance, reliability, and streamlining deployments with a 40% reduction in infrastructure costs.
* Led a cultural shift toward modern front-end technologies by introducing Vite, TypeScript, Zod, Tailwind CSS, NextJS and AI-powered tools, driving a 30% increase in development velocity and fostering a team culture of continuous learning and technical excellence.
* Partnered closely with back-end engineers to establish and enforce shared TypeScript types across APIs and WebSocket integrations, ensuring end-to-end type safety. Led the design of data transformation pipelines and response optimizations to support efficient, reliable, and performant UI rendering.
* Builds and extends components with MUI, modern CSS.
* Works with UX designers to create visually appealing, usable, and accessible views / components that provide intuitive experiences for users.

**SS&C TECHNOLOGIES, Jersey City, NJ Jan 2019 – Jan 2020**  
**Principal UI Software Engineer**

* Architected a React / Redux / Webpack project for comprehensive fund administration leveraging TypeScript and modern React patterns to build out the core architecture.
* Functionalities included protected routing and views, investor management, tracking daily portfolio holdings, investment tracking and fund admin dashboards.
* Supported existing applications and refactored class-based components extracting logic into custom React hooks and functional components making software 40% easier to grasp, extend and maintain for other developers.
* Implemented REST services in a Node Express.js application for fund administration management, developing scalable RESTful API endpoints for investor registration, tracking asset allocation and fund subscription.
* Created RESTful APIS in a NestJS application leveraging Prisma ORM to unify SQL data queries (across multiple) systems that support multiple database engines and enforce end-to-end TypeScript type safety which seamlessly connect to front-end and back-end applications.
* Achieved 80%+ test coverage by writing automated tests for UI interactions and API responses while improving application stablility by mocking API responses with MSW.

**JP MORGAN CHASE, New Jersey Oct 2017 – Jan 2019**

**Sr. Associate, UI Developer**

* Improved existing UI clarity for internal wealth management administrative applications by applying component-based architecture using React to develop high-quality Single Page Applications.
* Re-engineered critical components to rely on a predictable Redux state container (store) thus promoting code efficacy and state management between components by 70%.
* **Developed and maintained a custom WordPress theme for internal documentation at JPMorgan**, optimizing for readability, structured content delivery, and seamless integration with technical documentation workflows while adhering to corporate branding and accessibility standards.
* Used Storybook and collaborated with multiple teams to help create a library of highly reusable, customizable React components which standardized 100% of the UI consistency across the entire group.

**INFOSYS, New Jersey Dec 2016 – Aug 2017  
Associate, UI Developer**

* Managed and maintained the front-end code to include the tools and libraries required to develop a dashboard of custom widgets using the new Angular 2.0 component-based framework.
* Created a myriad of custom dashboard widgets including data-tables, drag and drop, charting, analytical and various form-based components that comprise the primary view of the application.
* Built reactive state using RxJS that ultimately rendered UI components whose state remained consistent and synced representing 100% data accuracy.
* Integrated views with RESTful service API’s and collaborated with backend engineers to define, create and bind the data to the UI from the response to create complex views.

**TATA CONSULTANCY, Oklahoma City, Oklahoma Aug 2015 – Nov 2016  
Associate, Senior UI Lead Developer**

* Developed and maintained web applications and was held responsible for implementing new features within a broad range of older code-bases inclusive of jQuery, Polymer Angular JS and React.
* **Customized WordPress core functionality and plugins** to support structured documentation, including custom post types, taxonomies, Gutenberg blocks, and admin interface enhancements for internal users.
* Rewrote, refactored and tested client-side JavaScript, moving away from jQuery spaghetti code improving and removing 40% of complexity by refactoring code into a more modular, reusable and decoupled structure.
* Prototype views quickly using standards compliant HTML/CSS – introduced responsive views where needed resulting in over 30% of user retention for oil and gas engineers/technicians in the field.
* Introduced React as the first componentized architecture to the group and developed responsive views and custom components ranging from filterable and searchable data-tables to robust form controls and data fetching techniques.

**Additional Experience Feb 2000 — 2014**

Anagh Technology (Client: USPTO) - UI Developer (Consultant)

Populus Group (Client: PAX Technologies) - UI Developer (Consultant)

Insight Global (Client: Wells Fargo) - Web Developer III (Consultant)

Habib University Foundation - Sr. Planning Associate

Fluid New Media - Flash developer Freelancer

Connect2Web - UI Designer / Developer