Mubashar Azad | Software Engineer

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Experienced Software Engineer with expertise in Front-end development, specializing in Vanilla JS, ReactJS, TypeScript, and also experience in PHP, Django & Adobe ColdFusion. Thrives in collaborative environments, delivering scalable solutions while ensuring exceptional user experiences across global teams.

EXPERIENCE

Techtronix Corp – *Software Engineer (Web Developer)*   October 2021 - PRESENT

Frontend Development:

- Designed and implemented highly responsive interfaces using **Vanilla JS**, **ReactJS**, **SCSS**, and **Tailwind CSS**, adhering to custom UI/UX requirements.
- Built modular, reusable components with **TypeScript** and **shadcn/UI**, enhancing maintainability and scalability.
- Integrated **Chart.js** for dynamic data visualization, improving dashboard interactivity and user engagement.
- Ensured seamless cross-browser and cross-device functionality, improving overall UI accessibility.
- Reviewed peer code and optimized frontend performance, resulting in a 35% reduction in load times.
- Utilized Git for version control, ensuring a streamlined workflow and clean code management.

Backend Development:

- Worked on hybrid app integration by bridging backend logic with frontend frameworks to ensure feature parity.
- Created secure RESTful APIs and implemented backend features that supported scalable frontend systems.
- Developed and maintained backend services using **ColdFusion**, handling business logic and data integrations for high-traffic web applications.

Collaboration:

- Collaborated with an international team of 20+ developers and QA engineers across multiple time zones to ensure timely delivery and quality assurance of features.
- Actively participated in agile ceremonies including sprint planning, retrospectives, and daily standups to align with development cycles.
- Coordinated with sales and client success teams to translate client feedback into actionable technical enhancements, resulting in improved customer satisfaction and retention.
- Maintained continuous client communication for requirement clarification, demos, and deployment planning.
- Conducted thorough code reviews and provided technical guidance to team members, fostering a culture of collaboration and maintaining high code quality standards to ensure a 25% increase in user engagement and satisfaction.

VentureDive– *Automation Engineer*   July 2022 – September 2022

QA & Testing:

- Conducted automated UI tests using **Selenium**, focusing on high-priority flows to ensure bug-free experiences across browsers.
- Created and maintained detailed test plans and test cases, improving test coverage by 40%.
- Collaborated with developers to resolve identified bugs and contributed to the QA strategy documentation.
- Participated in internal QA sessions to align testing efforts with product expectations.

Fiverr– *Web Developer*   December 2020 – June 2021

Freelancer:

- Delivered professional web applications using Python/Django, ReactJS, and Tailwind CSS based on client requirements.

- Implemented custom backend logic and database structures with Django, and created dynamic UIs with Chart.js visualizations.
- Built responsive, SEO-friendly web platforms using modern technologies including TypeScript, SCSS, and RESTful APIs.
- Managed complete project lifecycle, including client communication, timeline management, and production deployment.

PROJECTS

GMC(Ticket Manager):
- Oversaw the complete overhaul of the previous website, transitioning it from a basic structure to a fully responsive and user-friendly front-end using CSS, JavaScript, and jQuery.
- Implemented pixel-perfect, mobile-optimized designs using JavaScript with Apache Cordova to ensure seamless rendering across devices.
- Created and configured custom Webpack builds to optimize asset bundling and improve front-end performance across environments.
- Collaborated in Agile development environments by contributing to sprint planning, daily standups, and iterative feature enhancements.
- Investigated and resolved critical issues in web-based modules, enhancing reliability and improving user satisfaction.
- Developed scalable, modular backend components using Adobe ColdFusion to streamline performance and future-proof system functionality.
- Monitored post-deployment metrics and incorporated real-time user feedback to improve performance, usability, and system stability.

Seating Chart Application (USTA) :
- Designed and developed an interactive seating chart web application using vanilla JavaScript, HTML/XSL, and CSS/SCSS for efficient visual management of seat allocations.
- Implemented dynamic seat selection features, real-time availability status, and responsive UI components to optimize usability and user interaction.
- Leveraged efficient DOM manipulation and event-driven programming to ensure smooth performance and responsiveness across browsers and devices.
- Integrated customizable layout configurations to support multiple seating scenarios including classrooms, event venues, and ticketing systems.
- Enabled local storage functionality to persist seat selection data across sessions, enhancing user continuity and overall experience.

GMC & TMan System Integration (Shell , KDP , Unilever) :
- Led the successful integration of GMC with TMan (Ticket Management) systems to enable real-time data exchange and eliminate redundant manual processes.
- Designed and implemented frontend components using HTML, CSS/SCSS, and JavaScript to visualize and manage integrated data in a user-friendly interface.
- Developed secure and efficient API integrations using Adobe ColdFusion and RESTful services, ensuring seamless synchronization of guest, ticket, and event data between platforms.
- Built responsive UI elements for managing guest statuses, ticket assignments, and event updates, enhancing usability and operational clarity for end users.
- Utilized AJAX for dynamic content updates without full page reloads, improving application responsiveness and user experience.

Alipay Integration with Stripe (Laver Cup) :

- Designed and developed a ReactJS-based solution to integrate **Alipay** as a payment method within the existing **Stripe** infrastructure for the Laver Cup event platform.
- Used tools and technologies including **ReactJS**, **Stripe API**, **Alipay**, and **JavaScript (ES6+)** to build a robust and scalable solution.
- Ensured secure handling of transaction tokens and order details using **React hooks** and **middleware logic** in coordination with backend services.
- Analyzed Stripe documentation and aligned implementation strategy with Alipay's synchronous transaction flow, in contrast to GMC's existing asynchronous workflow.
- Handled real-time customer data capture by preserving essential parameters and UI state across redirections using **localStorage** and **context-based state management**.

Compliance Approvals Portal (DHL) :

- Designed and developed a centralized compliance portal using ReactJS, JavaScript, SCSS, and HTML to streamline the daily approval workflow for DHL Global, UK, US, and other regional systems.
- Integrated SSO (Single Sign-On) authentication to enforce secure, organization-level access for approvers, ensuring that all compliance actions are performed within a protected environment.
- Built dynamic, responsive UI components to list pending guest approval requests, enabling bulk actions and simplified decision-making within a single interface.
- Improved user efficiency by consolidating multiple system links into a cohesive experience with real-time approval status and audit trails.
- Enhanced performance and accessibility through optimized React component design and modular SCSS styling.

Technical Skills

- **Frontend:** HTML5, XSL, CSS3, SCSS, Tailwind CSS, JavaScript (ES6+), Vanilla Js, ReactJS,
- **Backend:** Django, PHP, Adobe ColdFusion
- **Tools & Platforms:** Git, Firebase, MySQL, REST APIs
- **Other:** Unity (Game Dev), XML, JSON, GitHub
- **Soft Skills:** Team Collaboration, Adaptability, Leadership, Problem Solving, Time Management

Education

Riphah International University Islamabad– *B.S. Computer Science*
2017 – 2021

Awards

All-Star of Q3 – Best Performer Award
Recognized as the top performer across the international development and QA teams for Quarter 3 at Techtronix Corp.