Asadullah Shahbaz

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WORK EXPERIENCE

Frontend Web Developer (Internship)

Aug 2023 - October 2023

MHI Services Pvt. Ltd.

Lahore, Pakistan

- Designed and developed headless reusable components in React JS, enhancing code maintainability and exibility through the implementation of Design patterns.

- Elevated code quality and maintainability by refactoring component code, utilizing composables, custom hooks, and directives.

- Collaborated with cross-functional teams, translating stakeholder requirements into actionable development plans for successful project outcomes.

- Used Redux/Context API to manage data efficiently and keep the app running smoothly.

- Adopted CI/CD pipelines for automated frontend deployments, improving development efficiency and release cycles.

March 2024 - Dec 2024

UI│UX Designer (Freelance)

Lahore, Pakistan

- Designed user-friendly and visually appealing interfaces for websites and mobile apps

- Conducted user research and usability testing to understand user needs and improve the overall experience.

- Collaborated with developers and product managers to ensure designs were implemented correctly and efficiently.

- Used design systems and style guides to maintain consistency across all screens and components.

- Analyzed user feedback and behavior to iterate and enhance the UI/UX over time.

- Stayed updated with the latest design trends and best practices to deliver modern and intuitive interfaces.

Fellow Software Developer (Remote)

Jan 2025 - May 2025

Pakistan

- Developed high-performance applications using C++, leveraging OOP principles(encapsulation, inheritance, polymorphism) for modular and maintainable code.

- Designed and implemented efficient algorithms and data structures (trees, graphs, DP, sorting/searching) to optimize system performance.

- Collaborated with cross-functional teams (QA, DevOps, Product) to refine requirements, estimate tasks, and deliver features on schedule.

• Version control via Git/GitLab/GitHub, with feature branching and CI/CD pipelines.

EDUCATION

National College of Business Administration & Economics   Lahore, Pakistan

B.Sc. of Computer Sciences

PERSONAL PROJECTS

- **Ecommerce Platform** : Developed a full-stack e-commerce website with robust authentication (JWT, OAuth) and security measures (bcrypt encryption, CSRF protection, HTTPS) to ensure safe user transactions. Implemented core features including product search/categorization, shopping cart, Stripe/PayPal payment integration, and an admin dashboard for Inventory/ order management.

- **Analytics Dashboard** : Developed an interactive analytics dashboard to visualize and track key performance metrics in real-time.Implemented dynamic charts, graphs, and data tables using libraries like Chart.js or D3.js, allowing users to filter and drill down into specific datasets. It Include features user authentication with role-based access control (admin/viewer/...).

- **RideWise** : Built a C++ ride-hailing system simulating Uber's core features,including route optimization using Dijkstra's algorithm,dynamic pricing, and multi-threaded ride matching. The OOP-based design features separate classes for drivers, riders,and trips,with STL containers for efficient data management. The console application demonstrates strong C++ skills in algorithms, memory management, and concurrent operations, with potential for GUI integration.

SKILLS

Programming languages

- JavaScript
- Sql

- C++

Technologies

- React
- MySQL
- REST APIs

- Git
- Tailwind CSS

Soft Skills

- Ownership
- Communication

- Team work
- Rigor