Asadullah Shahbaz

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WORK EXPERIENCE

Freelance Web Developer (Self-Employed)   March 2024 - Present

- Developed responsive websites and web applications for 15+ clients across various industries.

- Built custom features and interactive user interfaces that improved user engagement and met specific client requirements.

- Collaborated directly with clients to gather requirements, provide technical recommendations, and deliver projects on time and within budget.

- Optimized website performance and loading speeds, resulting in better user experience and SEO rankings.

- Integrated third-party APIs and services including payment gateways, social media platforms, and analytics tools.

- Maintained and updated existing client websites, fixing bugs and adding new features as needed.

UI/UX Designer (Self-Employed)   Feb 2023- January 2024

- 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 clients to understand business goals and translate requirements into engaging visual designs.

- 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 (Collaborative University Project)   Jan 2025 - May 2025

- Collaborated with a team of students to build high-performance applications using C++, applying OOP principles including encapsulation, inheritance, and polymorphism for clean, modular code.

- Implemented efficient algorithms and data structures such as trees, graphs, dynamic programming, and sorting/searching algorithms to solve complex problems and improve performance.

- Managed code collaboration using Git/GitHub with teammates, utilizing feature branching workflows and basic CI/CD practices for streamlined development.

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/...).

- **Banking Software:** Developed a secure banking management system in C++ implementing role-based access control (RBAC) to manage user permissions across four roles: Admin, Manager, Teller, and Customer. Applied OOP principles with dedicated classes for Account, User, Transaction, and Permission

management. Implemented secure authentication, transaction validation, and audit logging using STL containers (maps, vectors, queues) for efficient data handling. Utilized multi-threading for concurrent transaction processing and applied encryption techniques for protecting sensitive customer data. The system showcases proficiency in C++ algorithms, memory management, security practices, and concurrent programming.

SKILLS

Programming languages

- JavaScript
- C++
- Sql

Technologies

- React
- Git
- MySQL
- Tailwind CSS
- REST APIs

Soft Skills

- Ownership
- Team work
- Communication
- Rigor