

WAQAS AHMAD

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PERSONAL SUMMARY

Dedicated Computer Science Educator with hands-on experience delivering engaging lectures and lab sessions in programming (C/C++, Python, OOP) and web development. Skilled in guiding students through practical coding exercises, debugging, and project-based learning to strengthen problem-solving abilities. Proven track record in exam preparation, grading, and academic evaluations to support student progress. Combines industry expertise in frontend development (React, Next.js, Tailwind CSS) and AI (Python, NLP, sentiment analysis) to bridge theoretical concepts with real-world applications. Passionate about fostering technical proficiency, critical thinking, and user-centric design principles to prepare students for academic and professional success.

CORE COMPETENCIES

- JavaScript
- TypeScript
- React.js
- Firebase
- Next.js
- Context API
- Node.js
- Express.js
- GraphQL
- Axios
- Git
- Tailwind CSS
- Material UI
- Ant Design
- Bootstrap

WORK EXPERIENCE

Lecturer Computer Science | MM College & Academy | Mardan | Jan 2024 to Nov 2024

Delivered engaging lectures and conducted hands-on lab sessions in Programming (aligned with FSc curriculum), guiding students through practical coding exercises and debugging techniques. Assisted in exam paper preparation, grading, and student evaluations to monitor academic progress.

Frontend Reactjs Developer | StackWise | Islamabad | Nov 2024 to Present

Reusable Components: Developed reusable components and custom hooks, reducing development time by 30%. **Performance Optimization:** Boosted real-time game and dashboard speed by 15-30% using lazy loading and prefetching. **Real-Time Game, Dynamic Dashboard & Website:** Engineered a scalable real-time game and dynamic dashboard, enhancing data accuracy and user engagement. **Stripe:** Integrated Stripe for payments. **Modern UI:** Designed a responsive interface with Tailwind CSS and Toast notifications. **Efficient Delivery:** Completed a major project three months ahead of schedule.

Web Developer | Associate Software Engineer | Ashlar | Lahore | Feb 2022 - Jan 2024

Front-End Development: Built and maintained responsive, cross-browser-compatible UIs, optimized components for performance and scalability. **Module Development:** Created and integrated modules using JavaScript, Bootstrap, and React.js. **API Integration:** Implemented RESTful APIs for seamless data flow and user experience. **State Management:** Managed state efficiently with Redux and Context API. **Code Optimization:** Reviewed, tested, and optimized code for better maintainability and performance.

Web Developer | Spares | Islamabad | 1 Year

Responsive UI Development: Created mobile-friendly and visually appealing storefronts, ensuring seamless shopping experiences. **Landing Page Optimization:** Developed high-converting landing pages, improving customer engagement and sales performance. **Storefront Enhancements:** Implemented UI/UX improvements, optimizing navigation and design for better accessibility. **Theme Customization:** Modified Shopify themes and templates, aligning with brand identities and business goals.

EDUCATION & CREDENTIALS

BE in Computer Software Engineering | National University of Sciences and Technology | Sep 2016– Jul 2020

MSc in Computer Software Engineering | CGPA-3.89 | UET Mardan | Oct 2024 - Jul 2026 | Only two subjects left in course work

TECHNICAL EXPERTISE

Libraries and Frameworks: React.js, Typescript, Next.js, Node.js, Express.js, PyTorch, TensorFlow, Keras, JAX, Hugging Face Transformers.

Tools & Platforms: Google Colab, Jupyter Notebook, TensorFlow Serving, TF Lite, FastAPI.

LANGUAGES

Fluent in English, Urdu & Pashto