Usama Abdul Sattar
Frontend-Focused Full Stack Developer

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Professional Profile

Frontend-focused Full Stack Developer with 3+ years of experience building high-performance, user-centric web applications. Specialized in **React.js**, **TypeScript**, and modern UI/UX design, with strong backend expertise in **Node.js** and **cloud-native technologies**. Passionate about crafting **responsive**, **accessible**, and **scalable** interfaces that deliver exceptional user experiences and business value.

Primary Stack: React.js, TypeScript, Next.js, Node.js, Express.js, REST & GraphQL APIs, PostgreSQL, MongoDB, AWS, Docker, GitHub Actions, Tailwind CSS, Material UI, Redux, Jest, React Testing Library, Git, Agile/Scrum

Professional Experience

12/2022 – 01/2024   Full Stack Developer
Universität Siegen | Siegen, Germany
Tech Stack: React.js, Node.js, PostgreSQL, Docker, GitHub Actions

- Developed and maintained the university's internal **Research Collaboration Platform.**
- Delivered end-to-end features including such as communities interface and reaction system backed by **PostgreSQL**.
- Achieved **25%** higher engagement and **20%** (survey results) better satisfaction scores by applying accessible design and building interactive UI features.
- Enhanced efficiency **35%** by optimizing API response times and speeding up release cycles by **40%** through automated CI/CD pipelines.

01/2021 – 11/2022   Frontend Developer
Websential (SMC-Private) Limited | Lahore, PK
Tech Stack: React, TypeScript, Storybook, Material-UI, AWS, Docker, React Testing Library

- Migrated legacy PHP clients (Simple Pay, Tax Slips) to modern **React** and **TypeScript** applications.
- Developed **10+** shared frontend libraries, which helped speed up implementation across projects.
- Improved performance by boosting load speed **20%** and reducing API overhead **30%** through efficient RESTful API integration.
- Strengthened stability and deployment reliability by reducing bugs **20%** through better test coverage and halving release times using AWS and Docker.

02/2019 – 10/2020   Frontend Developer
Pioneer Logix (Lahore, PK) | Lahore, PK
Tech Stack: React.js, RESTful APIs, Redux, JavaScript, HTML5, CSS3

- Developed responsive single page e-commerce interfaces with cross-browser support, improving page load performance **15%**.
- Reduced system errors by 20% by **implementing structured API error handling and validation** for order and inventory management, ensuring data consistency and smoother transactions.
- Maintained high code quality through **peer code reviews** and adherence of frontend best practices, ensuring scalable and reliable delivery.

Projects

10/2024 – 03/2025 Master's Thesis
Sustainable Travel Map
Tech Stack: React.js, Tailwind CSS, Google Maps API, Vercel

- Independently **developed** and **deployed** a web application that visualizes carbon emissions of various transportation modes to promote sustainable travel.
- Built responsive and accessible UIs using **React.js** and **Tailwind CSS**, following modern frontend best practices.
- Integrated **Google Maps API** for real-time route mapping and carbon emission comparisons.
- Deployed the app using **Vercel**, with a strong focus on performance and usability.

Education

04/2022 – 03/2025 Master's - Human-Computer Interaction
Universität Siegen | Siegen, Germany

02/2017 – 01/2021 Bachelor's - Computer Science
COMSATS University | Lahore, Pakistan

Language Skills & Interests

Language:

- English (Business Fluent)
- German (A2 – Actively Improving)

Interests:

- Playing cricket on weekends, which strengthens my teamwork, focus, and strategic thinking.
- Love traveling and exploring new cultures, which helps me stay adaptable and open-minded.