

Usama Abdal Sattar (Software Engineer)

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Professional Summary

A self-motivated individual driven by modern technology trends, eager to gain experience in a competitive environment. Adept at articulating complex technical concepts and enthusiastic about learning new technologies. Ambitious to collaborate with leading computer engineers, dedicated to continuous personal and professional growth.

Professional Experience

Full Stack Developer

(12/2022 - 01/2024)

Universität Siegen

(Siegen, DE)

- Collaborated with cross-functional teams to translate Figma wireframes into accessible web interfaces, improving intuitiveness by **15%** through **effective communication** and **user-centric design**.
- Built responsive front-end solutions using **Vue.js**, enhancing user engagement by **20%** through **creative problem-solving** and **attention to detail**.
- Optimized backend with **Java** and implemented **CI/CD pipelines** using **GitHub Actions**, reducing deployment errors by **20%** by streamlining workflows and ensuring team alignment.
- Integrated **RESTful APIs**, improving app performance by **30%** through efficient data management.

Frontend Developer

(01/2021 - 11/2022)

Websential (SMC-Private) Limited

(Lahore, PK)

- Created **10+ reusable React.ts** libraries, reducing development time by **25%** through team collaboration.
- Integrated **RESTful APIs**, cutting API call overhead by **30%** and improving load time by **20%** through analytical problem-solving and technical expertise.
- Improved code quality with **Storybook** and **React Testing Library**, reducing bugs by **20%** through testing.
- Leveraged **AWS** services, cutting deployment time by **50%** and improving **scalability**.

Frontend Developer

(02/2019 - 10/2020)

Pioneer Logix

(Lahore, PK)

- Implemented **cross-browser compatible** responsive user interfaces using the **React.js** framework for an e-commerce website project.
- Integrated APIs for inventory management, optimizing performance, and ensuring **code quality** through rigorous reviews, enhancing **project stability**.
- Gained valuable experience in **front-end** development and **API integration** for e-commerce applications.

Projects

[Sustainable Travel Map](#) (Master Thesis)

- Developed an innovative web application to encourage users to adopt low-carbon transportation options by visually comparing the carbon emissions of different travel modes.
- Designed and implemented interactive user interfaces using **React.js** and **Tailwind CSS**, ensuring a seamless and responsive experience.
- Integrated **Google Maps API** to provide real-time route mapping and carbon emission data based on user-selected travel options.

Education

Master - Human-Computer Interaction

Universität Siegen, DE (10/2021 – 03/2025)

Bachelor - Computer Sciences

COMSATS University, PK (02/2017 - 01/2021)

Skills

- Frontend Development:** React, Vue.js, Storybook, HTML, CSS, Tailwind CSS, Redux, Bootstrap, Material-UI
- Backend Development:** Node.js, Express.js, RESTful API Design & Development
- Programming Languages:** JavaScript, TypeScript, Java, Python
- Database Management:** MongoDB, MySQL
- Other Tools & Technologies:** React Testing Library, Jest, Jira, Kanban, NPM, AWS, Git, GitHub Actions

Language

English (*Fluent*)

German (*Learning*)

Urdu (*Native*)

Hobbies and Interests

Learning new Technologies, Photography, Music, Cooking, Reading, Problem-Solving