# Usama Abdal Sattar (Full Stack 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 the faculty team to translate complex **Figma** wireframes into accessible web interfaces, prioritizing **user-friendliness** and **interface design**, resulting in a **15%** improvement in interface intuitiveness.
- Engineered visually stunning and responsive front-end solutions using **Vue.js**, elevating user engagement.
- Optimized backend functionality with **Java** while ensuring effective communication among team members.
- Implemented **CI/CD** pipelines using **GitHub Actions** to streamline development workflows, automate testing, and ensure smooth deployment processes.

### Frontend Developer                                                                  *(01/2021 - 11/2022)*
Websential (SMC-Private) Limited                                                               *(Lahore, PK)*

- Accelerated **user experience** and project delivery efficiency by creating **10+** reusable **React.ts** libraries, components, and forms, leveraging agile methodologies.
- Improved application performance by integrating **RESTful APIs** for efficient data fetching and management, resulting in a **30%** reduction in API call overhead.
- Enhanced code quality and reliability through detailed **component stories** (using Storybook) and comprehensive **unit tests** (using React Testing Library), leading to a **20%** decrease in bug incidents. Improved deployment efficiency and scalability by leveraging AWS services, reducing deployment time by **50%**.

### 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 | Bachelor - Computer Sciences |
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| Universität Siegen, DE *(10/2021 – 03/2025)* | 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 *(Professional Working Proficiency)*          German *(Learning)*          Urdu *(Native)*

## Hobbies and Interests

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