



# Azeem Sarwar

(Frontend Developer)

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## SUMMARY

**Senior Fullstack Developer** with 4+ years of experience building scalable web and mobile applications. Proficient in **React.js, React Native, Node.js, and TypeScript**, with a strong background in **AWS cloud infrastructure and microservice architectures**. Expertise in **GraphQL, RESTful APIs, Pulumi, Tailwind CSS, and Expo**. Passionate about **mentoring junior developers**, driving **agile development**, and delivering high-performance, maintainable solutions. Experienced in **end-to-end deployment, optimization, and modern CI/CD workflows**. Adept at **collaborating with product and development teams** to align technical solutions with business objectives in fast-paced startup environments.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, ES6, SQL

**Frameworks & Libraries:** React.js, React Native, Node.js, Express.js, Next.js, Redux

**Cloud & Infrastructure:** AWS (Lambda, S3, DynamoDB, EC2,), Microservices, Docker, Kubernetes

**Web Development:** Front-End Development, Modular Development, Scalable Architectures, GraphQL, RESTful APIs

**Quality Assurance:** Test Planning, Unit Testing, Automated Testing, Code Reviews, Test-Driven Development (TDD)

**Methodologies:** Agile, Scrum, CI/CD, DevOps, Clean Code, Software Security, Continuous Deployment

**Tools & Technologies:** Git, Postman, Jest, Tailwind CSS, Expo, Webpack, Babel

**Other Skills:** Communication, Problem-Solving, Mentoring, Cross-Functional Teamwork, English & German Communication

## EXPERIENCE

### Freelance

Remote

*Senior Fullstack Developer (React, Node.js, AWS)*

*Jan 2022 – Present*

- Developed and maintained scalable full-stack applications using **React.js, React Native, Node.js**, and **TypeScript**.
- Designed and optimized **AWS**-based microservices architectures, improving system efficiency and scalability.
- Implemented robust state management using **Redux** and **Context API** for seamless user experience.
- Integrated and optimized **GraphQL** and **RESTful APIs**, ensuring efficient data fetching and application performance.
- Developed and deployed containerized applications using **Docker** and **Kubernetes**, reducing deployment time by 40%.
- Ensured high software quality through rigorous **test-driven development (TDD)**, unit testing with **Jest**, and CI/CD automation.
- Mentored junior developers and conducted code reviews to maintain high development standards.

### Mid-Chain Technologies

Hybrid

*Junior Fullstack Engineer (React & Node.js)*

*Jul 2021 – Dec 2022*

- Led full-stack development of enterprise-grade applications using **React.js, Node.js**, and **TypeScript**.
- Designed and implemented scalable backend architectures with **AWS Lambda, DynamoDB**, and **Microservices**.

- Developed reusable UI components with **React Hooks** and **Tailwind CSS**, enhancing maintainability and scalability.
- Integrated **GraphQL** APIs for optimized data fetching, improving performance by 30%.
- Implemented **Pulumi** for infrastructure as code (IaC), streamlining cloud deployment processes.
- Optimized application load times using **lazy loading** and **code-splitting**, reducing initial load time by 25%.

## System Pvt. Limited

Pakistan

Frontend Developer (Angular & TypeScript)

Feb 2020 – Jun 2021

- Developed and maintained enterprise-level **Angular** applications with complex user interfaces.
- Implemented robust state management solutions using **RxJS** and **NgRx** for improved app performance.
- Built and optimized **REST API** integrations, ensuring seamless backend-frontend communication.
- Enhanced security through role-based authentication and authorization mechanisms.
- Collaborated with UI/UX designers to ensure pixel-perfect implementation of design specifications.

## PROJECTS

### Alliance Platform

- Developed a **.NET** and **React.js**-based web application designed to facilitate seamless collaboration among university departments for resource sharing and project management.
- Implemented secure user authentication and a dynamic dashboard for managing shared resources and project timelines.
- Optimized database operations using **SQL Server**, improving data retrieval speeds by 25%.
- **Awarded First Prize** for this project at the university's annual software exhibition, recognizing its innovation and impact.

## AWARDS & ACHIEVEMENTS

**Gold Medal for Academic Excellence:** Awarded for securing the 1st position in the Bachelor of Software Engineering program at Arid Agriculture University.

**First Position Award for Final Year Project:** Recognized for developing the best final year project in the field of Software Engineering at Arid Agriculture University.

## RELEVANT COURSEWORK

**Major coursework:** Data Structures and Algorithms, Object-Oriented Programming, Software Engineering Principles, Database Systems, Operating Systems, Web Development, Mobile Application Development, Artificial Intelligence, Machine Learning, Cloud Computing, Distributed Systems, Computer Networks, Cybersecurity, Internet of Things (IoT), Human-Computer Interaction

**Minor coursework:** Discrete Structure, Linear Algebra, Probability and Statistics, Software Architecture and design

## EDUCATION

### Nordhausen University Of Applied Sciences

Nordhausen, Germany

*M.Sc. in Computer Engineering Internet of things; –*

*Oct 2024 – Present*

*GPA: 1.0/1.0*

*Expected Graduation: Oct 2026*

### PMAS Arid Agriculture University

Rawalpindi, Pakistan

*B.S Software Engineering; –*

*GPA: 3.92/4.0*

*Gold Medalist, 1st Position in University*

FYP: [Project Alliance](#) – Win 1st Position in University

## HOBBIES AND INTERESTS

**Open Source Contributions, Building Personal Projects, Public Speaking/Presentations**

## LANGUAGES

**English** | Professional Proficiency

**Urdu** | Native

**German** | Basic Level (A1)