

AZEEM SARWAR

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Highly motivated and experienced **Full-Stack Developer** with over 4 years of expertise in designing and building scalable web and mobile applications. Proficient in **React**, **TypeScript**, and backend technologies like **Node.js** and **Express**, with a strong foundation in **microservices architecture** and **event-driven systems**. Adept at working in **agile environments** to deliver innovative solutions that drive efficiency, enhance user experiences, and support business objectives. Proven track record of developing production-quality code with a focus on testing, monitoring, and documentation. Thrives in cross-functional collaboration and eager to apply technical skills in a **DevOps** environment. Passionate about developing solutions that support the energy industry and looking forward to contributing to RWE's mission of driving efficiency and innovation in energy trading and optimization.

EDUCATION

Nordhausen University Of Applied Sciences

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

GPA: 1.0/1.0

Nordhausen, Germany

Oct 2024 – Present

Expected Graduation: Oct 2026

PMAS Arid Agriculture University

B.S Software Engineering; –

GPA: 3.92/4.0

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

Rawalpindi, Pakistan

Gold Medalist, 1st Position in University

SKILLS

Programming Languages: Python, JavaScript, TypeScript, C/C++, PHP, SQL, Bash (Shell Scripting), Java

Frameworks: Angular, React.js, React-Native, Node.js, Express.js

Technologies: Docker, Kubernetes, GitHub Actions, RESTful APIs, WebSocket Communication, AWS, Firebase, MongoDB, MySQL

Tools: Git, Linux, Visual Studio Code, Postman, Docker Compose, Agile Project Management Tools

Methodologies: Agile, Scrum, OOP, CI/CD, TDD, DevOps, Functional Programming, Test Automation

EXPERIENCE

Mid-Chain Technologies

Full-Stack Developer

Remote

Jul 2022 – Present, Full-time

- Designed and maintained core backend and frontend features of scalable web and mobile applications using **React.js**, **React Native**, and **Node.js**.
- Collaborated with cross-functional teams to develop and launch **microservices** for platform scalability and reliability.
- Implemented **event-driven architectures** and **Dockerized deployments** for efficient application management.
- Integrated **RESTful APIs** and third-party services to enhance functionality and user experience.
- Improved platform performance, reducing response time by 30% and increasing system reliability.

System Pvt. Limited

Full-Stack Developer

Pakistan

Feb 2021 – Jun 2022, Full-time

- Built scalable full-stack applications with **React.js** and **Node.js**, ensuring seamless user interactions and performance.
- Optimized **Spring Framework**-based backend services and implemented containerized workflows using **Docker**.
- Managed **database operations** with **MongoDB** and **Firebase**, improving query performance by 20%.
- Designed testing workflows and ensured production-quality code with **testing**, **monitoring**, and **documentation**.

Freelance (Willder-Inc Japanese company)

Web Developer

Remote

Oct 2019 – Jan 2021, Full-time

- Developed responsive web applications tailored to client specifications using **React.js** and modern front-end technologies.
- Delivered scalable and maintainable solutions by collaborating with clients to refine requirements.
- Enhanced cross-browser compatibility and accessibility, improving the overall user experience.

AFSquare

Remote

Angular Developer (Intern)

Feb 2019 – Aug 2019, Internship

- Contributed to front-end development using **Angular**, building reusable, modular components.
- Assisted in the deployment processes on **AWS** and gained experience with cloud services.
- Implemented **testing frameworks** and debugging workflows, ensuring robust application functionality.

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.

PROJECTS

E-Library App | [GitHub](#)

- A digital platform built using Python, Django, and React that allows users to organize, store, and manage PDF e-books. It enables both librarians and customers to interact with the library by adding, updating, and downloading e-books.

Note-It App | [GitHub](#)

- A notes management application that allows users to create folders and add multiple notes to each folder. Built using Django Rest Framework and ReactJs, the app offers a simple, efficient way to organize notes and provides an intuitive user interface for seamless interaction.

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

HOBBIES

Coding Challenges, Open Source Contributions, Experimenting with New Programming Languages, Learning New Frameworks, Building Personal Projects, Attending Tech Meetups

LANGUAGES

English | Professional Proficiency

Urdu | Native

German | Basic Level (A1)