

# AZEEM SARWAR

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## OBJECTIVE

Innovative and dedicated **Web Developer** with a strong background in **PHP**, **MySQL**, and web-based application development, complemented by expertise in crafting creative and user-friendly solutions. With hands-on experience in **software development**, **requirement analysis**, and collaborating with cross-functional teams, I am passionate about turning innovative ideas into digital realities. Excited to contribute to **ATURIS'** mission of advancing digitalization and implementing future-oriented solutions, while fostering open and effective communication with customers and team members. I seek to leverage my technical expertise and problem-solving skills to design and deliver impactful IT systems in a structured and dynamic environment.

## 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++, 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

*Frontend Engineer*

Hybrid

*Jul 2022 – Present, Full-time*

- Developed and maintained responsive and dynamic user interfaces using **React.js**, **TypeScript**, and modern front-end development best practices.
- Collaborated with product managers, UX designers, and backend engineers to design and deliver seamless user experiences.
- Implemented reusable **React components** to ensure consistent design across the platform.
- Integrated and optimized **testing frameworks** such as **Jest** and **React Testing Library** to ensure code reliability and performance.
- Enhanced front-end performance, reducing load times by 30% and improving cross-browser compatibility.

### System Pvt. Limited

*Full-Stack Developer*

Pakistan

*Feb 2021 – Jun 2022, Full-time*

- Designed and built scalable web applications using **React.js**, **Node.js**, and **TypeScript**.
- Collaborated with Agile teams to deliver features that improved user satisfaction by 25%.
- Developed **RESTful APIs** and integrated them into front-end systems for seamless functionality.
- Managed **Firebase** and **MongoDB** databases to ensure efficient data handling and storage.
- Worked on **responsive design principles**, ensuring accessibility across devices and browsers.

### Freelance (Willder-Inc Japanese company)

*Front-End Developer*

Remote

*Oct 2019 – Jan 2021, Full-time*

- Developed responsive front-end applications using **React.js** and **Next.js**, adhering to client specifications.

- Implemented modular and reusable components to streamline development workflows.
- Enhanced the user experience by ensuring compatibility across major browsers and devices.
- Collaborated directly with international clients to define and refine project requirements.

## AFSquare

Remote

Frontend Developer Intern

Feb 2019 – Aug 2019, Internship

- Built reusable **React.js** components to enhance scalability and maintainability.
- Assisted in deploying front-end features on **AWS** and gained experience with cloud services.
- Worked with **testing frameworks** and debugging tools to ensure robust front-end functionality.
- Collaborated with senior developers to understand and implement best practices in UI development.

## AWARDS & ACHIEVEMENTS

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**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

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### Alliance Platform | [GitHub](#)

- 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.

### 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

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**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

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

## LANGUAGES

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**English** | Professional Proficiency

**Urdu** | Native

**German** | Basic Level (A1)