

Muhammad Ahmed

Software Engineer | Full Stack Developer

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Committed to continuous learning and professional growth, always adapting new technologies, tools, and development practices. I approach challenges with a proactive mindset, problem-solving abilities, and analytical thinking, while focusing on delivering results and improvement.

EDUCATION

BS Computer Science
COMSATS University Islamabad,
Sahiwal Campus
FSc Pre Engineering
Divisional Public School & inter
College Sahiwal
Matric
Divisional Public School & inter
College Sahiwal

SKILLS

- Web Development
- ❖ HTML, CSS
 - ❖ Bootstrap, Tailwind
 - ❖ React.js, Next.js
 - ❖ Node.js
 - ❖ Laravel
 - ❖ REST APIs
 - ❖ WordPress
- Database
- ❖ MySQL, PostgreSQL
 - ❖ Prima ORM
- Languages
- ❖ C++
 - ❖ Python
 - ❖ JavaScript
- Additional Skills
- ❖ Search Engine Optimization
 - ❖ Object-Oriented Programming
 - ❖ Data Structures & Algorithms
 - ❖ Software Development Life Cycle
 - ❖ Agile & Scrum

CERTIFICATIONS

- ❖ SEO
- ❖ WordPress

TOOLS & PLATFORMS

- ❖ VS Code, Visual Studio, PyCharm
- ❖ Git, GitHub, GitHub Actions
- ❖ Docker
- ❖ CI/CD pipelines
- ❖ Linux

LANGUAGES

- ❖ Urdu (Native)
- ❖ English (Fluent)

PROJECTS

RR (SMC) Pvt Ltd - Business Website & CMS Platform ([View](#))

- Developed a modern business website with a custom admin CMS for managing pages, projects, services, media, and website content.
- Designed a scalable content management architecture allowing non-technical users to update website sections without code changes.
- Implemented optimized static rendering, caching strategies, SEO-friendly pages, and responsive UI for improved performance.
- Built reusable components and integrated database-driven content management workflows.

Tech Stack: Next.js, React, TypeScript, PostgreSQL, Prisma ORM, Node.js, REST APIs.

Zargle – AI-Powered Real-Time Communication Platform ([View](#))

- Built a real-time video calling and messaging platform enabling peer-to-peer communication and interest-based user matching.
- Implemented WebRTC-based video/audio communication with real-time chat functionality and secure user authentication using Google OAuth.
- Integrated AI-based content moderation for detecting Vulgar Behavior and improving platform safety.
- Developed responsive frontend using HTML, CSS, SCSS, Bootstrap, JS, NodeJS and Express, with backend services, database integration, and CI/CD deployment workflows.

Tech Stack: HTML, CSS, SCSS, Bootstrap, EJS, NodeJS, Express, WebRTC, Web Sockets, REST APIs, PostgreSQL, Prisma ORM, Google OAuth, CI/CD, Docker.

Corporate Website ([View](#))

- Developed and maintained a modern business website using Next.js, improving the company's digital presence and online accessibility.
- Managed production deployment, domain configuration, DNS records, SSL certificates, hosting setup, and business email configuration.
- Optimized website performance, responsiveness, and SEO while implementing reusable frontend components and scalable architecture.
- Provided technical support for web operations, IT infrastructure, and system maintenance.

Tech Stack: Next.js, Tailwind, React, TypeScript, Git, GitHub, CICD, DNS, SSL.

EXPERIENCE

Advanced Idea Company Limited

(Oct. 2025 to Mar. 2026)

- Redesigned and managed the company website, delivering a modern, responsive, and user-friendly digital presence.
- Configured and maintained business email systems, domain management, DNS, SSL certificates, hosting, deployments, and web infrastructure.
- Managed IT operations, system administration, troubleshooting, and technical support to ensure smooth business workflows.
- Established and maintained operational processes by coordinating vendors, clients, and internal teams while ensuring documentation and compliance.
- Supported recruitment operations, maintained company records, managed official correspondence, and assisted in day-to-day administrative workflows.

Key Technologies: Next.js, React, TypeScript, Git, Linux, DNS, SSL, Hosting, Email Systems, CI/CD