

ASAD E BUKHARI

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer and aspiring Software Engineer with hands-on experience in React, TypeScript, Node.js, and PHP. Specialized in building scalable architectures and internal tools for regulatory and educational institutions, with expertise in database design (SQL/NoSQL) and frontend-backend integration. Proven leader in managing technical teams and driving quality standards through collaborative, user-focused problem-solving.

EDUCATION

B.Sc. Software Engineering | Bahria School of Engineering & Applied Sciences

Sep 22 – Jun 26

CGPA: 3.15/4.00 (8th Semester - Ongoing)

TECHNICAL SKILLS

- **Languages:** JavaScript (React, Node.js), TypeScript, PHP, Java, C#, SQL, HTML/CSS.
- **Tools:** VS Code, Visual Studio, IntelliJ, MS Project, P6 Primavera, Git.
- **Specialties:** Full-Stack Dev, Database Design, NLP, UI/UX, Team Leadership.

PROFESSIONAL EXPERIENCE

NEPRA (National Electricity and Power Regulatory Authority) | Full Stack Developer Intern

Sep 25 – Feb 26

- Developed a Leave & Attendance Management Portal using TypeScript, Tailwind CSS, and Node.js.
- Engineered end-to-end workflows for leave approvals and attendance tracking with a scalable SQL database.
- Streamlined internal HR operations by building a high-performance, responsive intranet interface.

PMAS Arid Agriculture University | Full Stack Developer Intern

Jul 25 – Sep 25

- Contributed to the university website redesign using PHP, focusing on frontend-backend integration.
- Improved user experience through GUI design enhancements and modular content structuring.

Ardent Thrive | WebDev & Digital Marketing Specialist - QA, Team Lead, & Content Creator

March 24 – Present

- Developed a MERN Website with a complete admin dashboard similar to wordpress.
- Enhanced website authority and search engine rankings through strategic link-building.
- Conduct detailed backlink audits, verifying relevance and authority against SEO best practices
- Trained and managed a team of 3 interns, assigning specific websites for off-page SEO initiatives.
- Monitored individual and team performance, ensuring adherence to project requirements and quality standards.
- Developed digital content and oversaw social media account management.

KEY PROJECTS

Veritas AI – Fake News Detector (Python, Scikit-learn, NLP)

- Built an NLP pipeline to classify news using TF-IDF vectorization and a Logistic Regression model.
- Deployed a Streamlit app providing real-time predictions and dynamic sentiment analytics.

"The Ordinary" Clone (MERN Stack, Google Generative AI)

- Developed a full e-commerce SPA with JWT authentication, cart management, and admin workflows.
- Integrated an LLM-powered shopping assistant for conversational product discovery.

VidAI – AI-Powered Wedding Planning Platform (MERN Stack, Google Generative AI, Olamma)

- Engineered a microservices-based ecosystem with a React web app, React Native mobile app, and FastAPI AI service to connect users with vendors in Islamabad/Rawalpindi.
- Developed a privacy-first AI assistant by deploying LLaMA 3.2 (3B) locally via Ollama, eliminating per-token costs and ensuring data security.
- Built a Node.js/Express backend with JWT auth (refresh token rotation) and MongoDB to manage real-time vendor bookings and chat history.

INTERESTS

Athletics: Capt. of dept. futsal team, GK of University futsal team, & Capt. school football champion team.

Coordination: Logistics Lead for Aurex'26, Logistics Coordinator for CCode'23 and BUMUN'25; Logistics Lead at MLSA BSEAS Society, Member of University Media Club, Sports Club, E-Sports Club, & Music Club

Public Speaking: Active debater skilled in articulating complex ideas to diverse audiences