

HAMZA SHABBIR

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Technical Skills

Full-Stack Development: JavaScript (Next.js, React, Node.js), Python (Django), RESTful APIs

AI/ML & Data Analytics: Generative AI, Model Fine-Tuning, SQL, Power BI

Cloud & DevOps: AWS, Firebase, Docker, Kubernetes

UI/UX & Design: React Native, WordPress/Shopify Customization, Wireframing, Cross-Platform Design, Figma

IT Management: Agile Project Leadership, Cross-Functional Collaboration, System Optimization

Experience

SARTE SOLUTION

January 2024 – Present

Full-Stack Developer & Project Manager

Abbottabad, Pakistan

- **Versatile IT Leadership:** Managed end-to-end development of web/mobile apps while coordinating teams, code reviews, and client deliverables, ensuring 100% on-time project completion.
- **UI/UX & Design Integration:** Crafted intuitive interfaces for sartesholution.com using Next.js and React, aligning with brand guidelines and user needs.
- **IT Infrastructure Optimization:** Streamlined deployment with AWS/Firebase, cutting app load time by 30%.

PREPLY preply.com/en/tutor/4105509

OCT 2023 – Present

Computer Science Tutor

Online

- **Global Educator:** Achieved a 4.9 rating by mentoring 50+ international students in 500+ hours of hands-on sessions.
- **Multidisciplinary Tech Training:** Teach AI/ML, Blockchain, Web/Mobile Dev (Next.js, React Native), and UI/UX fundamentals, aligning lessons with industry trends and career goals.
- **Communication Excellence:** Simplify complex concepts, praised for clarity, patience, and real-world analogies.

ABBOTTABAD UNIVERSITY OF SCIENCE & TECHNOLOGY

May 2022– July 2022

Directorate of IT Services /IT Intern

Abbottabad, Pakistan

- **Supported IT infrastructure** maintenance and daily troubleshooting for smoother operations.
- Provided **technical assistance** to 100+ users, resolving software and hardware issues efficiently.
- Assisted with **system upgrades**, enhancing reliability and user productivity.

Personal Projects/Awards & Achievements

- **Smart Bus System:** Developed a bus tracking and reservation app for AUST's university transport, enabling real-time monitoring for parents using React, React Native, and Firebase.
- **Rescue App:** Built an emergency detection app that identifies accidents and sends alerts to rescue services, using Twilio for messaging, Google APIs for location tracking, and Node.js for backend functionality.
- **3rd Place | HULT Prize:** Awarded for designing a **Smart Irrigation System** to promote sustainable agriculture.
- **Certificate of Appreciation:** Honored in the **Foster Flagship Business Training Program** for outstanding achievement in business and tech skills.

Positions of Responsibility

COMPUTER SCIENCE SOCIETY, AUST

Vice President

- Led initiatives to promote tech engagement and organized workshops, enhancing member participation.

GOOGLE DEVELOPER STUDENT CLUB

Member

- Collaborated on tech projects and participated in hackathons, fostering a strong community of developers.

Education

ABBOTTABAD UNIVERSITY OF SCIENCE & TECHNOLOGY

Oct 2019 – Oct 2023

Bachelor of Science in Computer Science

Abbottabad, PAK