



ABU SUFYAN

Computer Systems Engineer

Address: Nsector 22 Shah Latif Town, Karachi

Phone: +92 348 0394588

Email: arain.sufyan28@gmail.com

Website: sufyan.coretechio.com

SUMMARY

Computer Systems Engineering graduate with hands-on experience in full-stack web development, digital solutions, and IT systems. Currently serving as Research Technology & Media Coordinator (IT & Media) at ORIC QUEST Nawabshah, supporting academic research through digital platforms and technical management. Skilled in website development, graphic design, and media handling for institutional growth. Experienced in organizing and managing large-scale academic events, seminars, and workshops. Strong problem-solving, communication, and team collaboration abilities. Committed to leveraging technology for innovation and continuous improvement.

WORK EXPERIENCE

Research Technology & Media Coordinator (IT & Media)

ORIC – QUEST Nawabshah | Nov 2025 – Present

- Managed digital media, IT support, and research promotion activities for ORIC.
- Coordinated media coverage for 15+ conferences, seminars, and workshops.
- Supported academic departments with media production, documentation, and technology workflows.
- Improved visibility of research activities through structured digital content and reporting.

Web Developer

High Tech Software House | Nov 2023 – May 2025

- Delivered hands-on design training to 20+ students and interns.
- Developed and worked on international projects.

SCB Event Coordinator

QUEST Nawabshah | Feb 2023 – Jul 2025

- Planned and executed 10+ large-scale university events, including Orientations, C-CUBE 25, Talent Festival, and Science Fair.
- Coordinated student teams of 30+ members, ensuring smooth logistics and execution.
- Acted as a communication bridge between students and university administration, improving event efficiency.

Founder & President

Skills Development Society (SDS) – QUEST Nawabshah | Aug 2023 – May 2025

- Founded and led a student society focused on technical and professional skill development.
- Organized seminars, workshops, and training sessions impacting 100+ students.
- Initiated and managed multiple student-led development projects.

Web Development Intern

USPCASW (MUET Jamshoro) | Jul 2024 – Aug 2024

- Worked on front-end and back-end modules for an academic web project.
- Assisted with UI improvements, testing, and documentation.
- Collaborated with mentors to enhance system functionality and usability.

Additional Experience:

Successfully completed multiple paid freelance and client-based projects, delivering customized web solutions according to business requirements.

EDUCATION

Bachelor of Engineering (B.E.) Computer Systems Engineering

- CGPA: 3.50 / 4.00
- PEC Registration: COMP/027341
- Final Year Project: AI-based 3D Reconstruction of Chanhru Daro

SKILLS

Technical Skills

- Web Development (HTML, CSS, JavaScript, PHP, MySQL, WordPress, React, Node.js)
- Graphic Design (Adobe Photoshop, Illustrator, Canva)
- Python
- IT Support & Troubleshooting
- Data Handling & Documentation
- Media Production & Editing

AI Skills

- Computer Vision (SfM, MVS, GANs)
- Machine Learning (PyTorch/TensorFlow)

Professional Skills

- Event Management & Planning
- Team Leadership & Coordination
- Communication & Presentation
- Problem-Solving & Decision-Making
- Administrative & Office Management

Additional Skills

- Social Media Management
- Research Support & Reporting
- Content Creation & Digital Marketing

PROJECTS

AI-Based 3D Reconstruction of Chanhru Daro (Final Year Project)

- Developed a high-accuracy 3D digitization pipeline for archaeological site preservation and digital documentation.
- Applied advanced computer vision techniques to reconstruct detailed 3D models from image datasets.
- **Technologies:** Structure from Motion (SfM), Multi-View Stereo (MVS), GANs
- **Outcome:** Generated accurate and research-grade 3D models for cultural heritage preservation.

ORIC Website – QUEST Nawabshah

- Developed and deployed the official ORIC (Office of Research, Innovation & Commercialization) website to manage research projects, publications, and innovation activities.
- Implemented dynamic content management and admin functionalities.
- **Stack:** React.js, Node.js, Express.js, JavaScript (ES6+), HTML5, CSS3, REST APIs, MongoDB
- **Link:** <https://oric.quest.edu.pk>

CSE Department Website – QUEST Nawabshah

- Designed and developed the official Computer Systems Engineering department website with dynamic content updates and administrative control panel.
- Ensured responsive design and optimized performance for institutional use.
- **Stack:** React.js, Node.js, Express.js, JavaScript (ES6+), HTML5, CSS3, REST APIs, MongoDB
- **Link:** <http://www.cse.quest.edu.pk/>

SCB Website

- Developed a dynamic website for Student Council Body (SCB) to manage announcements, events, and student resources.
- Created structured backend for content updates and user interaction.
- **Stack:** HTML, CSS, JavaScript, PHP
- **Link:** <http://scb.coretechio.com/>

UBL Fraud Shield AI (Hackathon Project)

- Team Lead for an entry in the UBL National Innovation Hackathon 2026, combining ML-based fraud detection with a blockchain audit layer.
- Led the team through Stage 4 evaluation to the Grand Final, delivering a 10-minute pitch to UBL's President.
- **Result:** Runner-up (National Level), UBL National Innovation Hackathon 2026, hosted by UBL NIC Karachi
- **Stack:** Machine Learning, Hyperledger Fabric (Blockchain)

CERTIFICATIONS & ACHIEVEMENTS

- **Registered Engineer:** Pakistan Engineering Council (PEC)
- **Certificate in Web Development:** USPCASW, MUET Jamshoro
- **Graphic Designer:** QUEST Nawabshah
- **Event Head:** C-CUBE 25, Talent Festival & Science Fair
- **Leadership & Event Management:** Organized multiple university-level events
- **Hackathon Runner-up:** Runner-up (National Level), UBL National Innovation Hackathon 2026 — Team Lead for "UBL Fraud Shield AI," hosted by UBL NIC Karachi at Avari Hotel

LANGUAGES

English • Urdu • Punjabi • Sindhi

REFERENCE

References available upon request