

SHAHID ALI

< Full-Stack Developer & Architect />

CONTACT

📞 +92 306 0317142
✉ shanshahid444@gmail.com
📍 Sakrand, Shaheed Benazirabad, Sindh, Pakistan

CORE STACK

C# / .NET
PHP / Laravel
JavaScript / jQuery
HTML5 / CSS3
MySQL / SQL Server
REST APIs

ENGINEERING

System Architecture
ERP Design
Team Leadership
Project Management
Payment Integration
Biometric Device Integration
Computer Vision / Image processing

LANGUAGES

English • Urdu • Sindhi



PROFILE

Full-stack software developer and solution architect specializing in enterprise-grade ERP platforms. I design and deliver scalable web and desktop systems end-to-end — database and API design through to polished front-ends — using .NET, PHP/Laravel, MySQL, JavaScript, HTML5 and CSS. I have led development teams, managed full project delivery, architected complete government and university ERP ecosystems, and now also teach the next generation of developers.



EDUCATION



MS Computer Science & Technology
Harbin Institute of Technology, China
Sep 2021 – Jul 2024



BS Information Technology
SBBU, Shaheed Benazirabad, Pakistan
Jan 2016 – Feb 2021



EXPERIENCE

- **Lecturer (BPS-18) & Software Developer** Feb 2025 – Present
Shaheed Benazir Bhutto University (SBBU), SBA
 - ▶ **Teach and mentor students** in software engineering, web development and databases, emphasising quality, innovation and industry-relevant skills.
 - ▶ Continue to design, develop and maintain the university's in-house enterprise applications alongside academic duties.
- **Full-Stack Software Developer & Project Manager** 2022 – 2024
ANET Cyber Solutions
 - ▶ **Led** a team of developers as Senior Full-Stack Developer and Software Team Lead — owning architecture, code quality and on-time delivery.
 - ▶ Managed project scope, timelines and client delivery across multiple concurrent enterprise engagements.
 - ▶ **Developed and maintained** the SELD enterprise systems and other large-scale government applications (detailed under Flagship Projects).
- **Full-Stack Software Developer** Nov 2020 – 2022
Shaheed Benazir Bhutto University (SBBU), SBA
 - ▶ Part of the university software team — architected and built the complete University ERP suite (detailed under Flagship Projects).
 - ▶ Integrated the Fee Management System directly with the bank for real-time collection and reconciliation.
- **Full-Stack Web Developer — Level 2 Seller** 2019 – 2022
Fiverr (Freelance)
 - ▶ **Achieved** a Level 2 Seller rating delivering full-stack web development to international clients with consistently high ratings and on-time delivery.
 - ▶ Built custom web applications and back-end solutions across PHP/Laravel, .NET, MySQL and JavaScript for a global client base.
- **Full-Stack Software Developer** 2020 – 2022
WAT Solutions

- ▶ Built web and desktop solutions for enterprise and government clients, including the RSU Select Karachi e-book / digital library portal under a World Bank project.
- ▶ Delivered full-stack features across front-end and back-end with scalable, maintainable architecture.



FLAGSHIP PROJECTS — SELD

Enterprise-level systems built for the School Education & Literacy Department (SELD), Government of Sindh — delivered at ANET Cyber Solutions.

-  **EMIS — PPP Node, SELD Sindh**
 - ▶ **Developed** an Education Management Information System under SBEP-PMIU / USAID funding, serving 105 public-private partnership schools across Sindh.
 - ▶ Delivered end-to-end modules for school data, enrolment tracking and departmental reporting at scale.
-  **School Monitoring System with Biometrics**
 - ▶ **Built** an enterprise-level school monitoring platform with integrated biometric verification for staff and field-monitoring accountability.
 - ▶ Enabled real-time attendance capture and monitoring visibility across participating schools.
-  **Annual School Census System — SEMIS**
 - ▶ **Developed** the Annual School Census system (SEMIS) — an enterprise application capturing province-wide annual school data for planning and policy.
 - ▶ Consolidated large-scale institutional data into structured, report-ready datasets for the department.



FLAGSHIP PROJECTS — UNIVERSITY ERP

Complete enterprise ERP suite architected and built for Shaheed Benazir Bhutto University (SBBU) and all its campuses — each module delivered end-to-end:

-  **Admission Portal** — online student application, verification and merit processing.
-  **Fee Management System** — integrated directly with the bank for real-time collection, vouchers and reconciliation.
-  **HRMIS with Biometric Employee Attendance** — full HR lifecycle with biometric-based staff attendance tracking.
-  **Inventory & Procurement System** — stock, assets and procurement workflow management.
-  **Payroll Management System** — automated salary processing, deductions, allowances and disbursement.
-  **Student Attendance System** — biometric / OAMS-based attendance tracking across campuses.



RESEARCH

- **Horizon Detection in Complex Marine Backgrounds** 2021 – 2024
Harbin Institute of Technology — MS Thesis
 - ▶ Researched rapid sea-skyline / horizon detection using image processing and computer vision, developing algorithms for fast, accurate detection to aid navigation and autonomous marine systems.

```
console.log("Let's build something great together.");
```