

Ali Shahbaz

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EXPERIENCE

(Smart Tech One Pvt. Ltd) (Manager Software).

(Tenure) June. 2023 – Present

- **Full-Stack Ecosystems:** Designed user-centric interfaces and PWAs utilizing Next.js, Laravel, Angular, and Flutter, ensuring seamless REST API integration and a consistent user experience across web and mobile platforms.
- **Database & DevOps:** Engineered relational database schemas (ERDs) and managed full-stack infrastructure, including custom server setup, Docker containerization, and Kubernetes orchestration across AWS and Heroku, while overseeing SSL security, configs, and Gitlab team workflows.
- **Cloud Infrastructure & GIS:** Managed high-availability deployments using AWS services (EC2, RDS, S3, Route 53) and developed specialized Geographic Information System (GIS) features using Leaflet.js and Geoserver.
- **Mobile Lifecycle Management:** Oversaw the end-to-end lifecycle of hybrid mobile applications, from initial Flutter development to managing continuous updates and releases on the Google Play Console.
- **Mentorship & Growth:** Established a culture of continuous learning by providing technical guidance and structured training for junior developers, significantly improving team sprint velocity and code quality.
- **Stakeholder Management:** Acted as the primary technical liaison between executive leadership and engineering teams, translating complex business requirements into scalable technical specifications.

(Streamedinc Pvt. Ltd) (Software Engineer IT Department).

(Tenure) Aug. 2022 – Aug. 2025

- **Full-Stack Development:** Engineered responsive frontends using Angular/Bootstrap 4 and built robust backends with Laravel, focusing on high-performance RESTful APIs for mobile and web platforms.
- **Security & Resilience:** Fortified platform integrity by conducting targeted penetration testing on legacy systems to mitigate vulnerabilities and implementing automated QA suites using Selenium WebDriver (C#).
- **Security & QA:** Conducted comprehensive penetration testing using Kali Linux and streamlined delivery pipelines by developing automation testing suites with Selenium and C#.

(Future Development Holdings Pvt. Ltd) (Software Engineer IT Department).

(Tenure) Mar. 2019 – May. 2023

- **Full-Stack Development:** Engineered responsive frontends using Angular/Bootstrap 4 and built robust backends with Laravel, focusing on high-performance RESTful APIs for mobile and web platforms.
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PROJECTS

1. Digital Twin

<https://cityos.smartcitypk.com/>

Engineered a unified Digital Twin platform with team that consolidated real-time IoT sensor data, legacy software modules, and modular web applications into a single, data-driven command center to provide stakeholders with comprehensive operational visibility.

2. Smart One Billing

<https://employee.smartonepk.com/>

Collaborated with junior engineers to develop a Smart Billing platform using Angular, delivering feature-rich member and employee portals with billing management, support ticketing, role-based permissions, RESTful API integration, and secure server deployment using Nginx. Contributed to system architecture, code reviews, performance optimization, and ensured seamless integration between frontend and backend services.

3. Hospital Information Management System

<https://beta.smartcityhospitals.com/>

Spearheaded a Laravel based Multi hospital HMS and mobile applications, which included all the important modules like OPD, Invoices, Labs records and inventory management to streamline clinical workflows and patient care.

4. Residence Portal

<https://residence.smartcitypk.com/>

Collaborated on developing a residence portal for Capital Smart City Islamabad using Angular, enabling residents to request services and launch complaints, with a Laravel-based admin panel for user access control.

5. SaaS CMS

<https://streamedcms.com/>

Independently designed and developed a full-stack SaaS CMS using Laravel, implementing secure user authentication, multi-tenant architecture, role-based access control, real-time updates, and dynamic content management. Built scalable RESTful APIs, optimized database performance, and integrated reusable modules to provide a secure, maintainable, and high-performance platform for multiple business applications.

6. Multi-Tenant POS

<https://pos.smartcityhospitals.com/>

An enterprise-grade, multi-tenant POS and Inventory Management System designed for multi-hospital networks to centralize pharmacy and clinical transactions. It features an intelligent batching system that tracks items by manufacturing and expiration dates, using First-Expiring, First-Out (FEFO) routing to eliminate waste and guarantee clinical safety. The platform ensures real-time stock control, secure multi-branch financial reporting, and seamless integration across hospital nodes.

7. Bomjour

<https://www.bomjour.com/>

I worked on the e-commerce solution Bomjour, which has portals for businesses and vendors, along with a comprehensive content management system (CMS) built in Laravel. Additionally, I built its backend for mobile applications, ensuring seamless integration and functionality across platforms.

8. Laqtaat

<https://www.laqtaat.com/>

Developed the backend and CMS of the Laqtaat app with a team of developers using Laravel. Laqtaat is an online platform that makes swapping, buying, and selling items quicker, simpler, and more enjoyable, offering a revolutionary approach to trading.

Implemented secure RESTful APIs, optimized database performance, and contributed to scalable backend architecture to ensure a reliable and seamless user experience.

9. Jobulus

<https://www.jobulus.com/>

Collaborated on developing a job portal with Angular, a Laravel backend and CMS, notifications, a recruitment process, and Ionic mobile apps, ensuring seamless integration, optimized performance, and a consistent user experience across web and mobile platforms.

10. School Information Management System.

<https://app.tsssc.edu.pk/>

Contributed to the development and maintenance of a School Information Management System (SIMS) using CodeIgniter, implementing modules for student management, attendance, examinations, fees, and administration. Enhanced system performance, security, and usability through feature development and optimization.

11. My Hive

<https://myhiveapps.com/>

Collaborated with a team of developers to build the Laravel backend for My Hive, a seamless platform that connects users with trusted professionals for home services such as cleaning, plumbing, electrical work, and appliance repairs. Developed and maintained RESTful APIs, optimized backend performance, and implemented scalable features to ensure reliable service booking and management.

12. GuruJam

<https://gurujam.com/>

Collaborated on the development of a Laravel-based freelancer marketplace where experts ("Gurus") provide skill-based learning sessions ("Jams"). Contributed to building the backend and CMS, implementing user management, course administration, zoom integration for live sessions, and scalable platform features to deliver a seamless learning experience.

13. E Files

<https://efiles.smartsuitepk.com/>

Engineered a secure, high-performance E-filing system to centralize and digitize HRL's enterprise documentation. Implemented role-based access control, advanced search capabilities, and automated document workflows to enhance security, accessibility, and operational efficiency.

14. Smart City GIS

<https://gis.smartcitypk.com/>

Developed a high-performance GIS application using Angular and Leaflets to deliver interactive spatial mapping and geographic data analysis. Integrated Geoserver and PostgreSQL/PostGIS to seamlessly process, layer, and render complex OGC-compliant spatial data (WMS/WFS). Implemented custom layer management, advanced spatial filtering, and real-time asset tracking for enterprise operations.

15. Support

<https://support.smartsuitepk.com/>

Developed a unified collaboration platform featuring integrated modules for task tracking, meeting coordination, and support ticketing, designed to centralize internal workflows and streamline project delivery. Designed for high-concurrency access.

EDUCATION

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|-----------------------|-------------------------------------|-------------------|
| • BS Computer Science | <i>Air University, Islamabad</i> | Batch 2014 - 2018 |
| • FSC Pre Engineering | Fazaia Inter College E-9, Islamabad | Batch 2011 - 2013 |
| • Matriculation | Krl Grammar School, Islamabad | Batch 2004 - 2011 |

TECHNOLOGIES AND LANGUAGES

- **Languages:** PHP, C#/C++, Dart, Java, JavaScript, TypeScript,
- **Technologies:** Next.js, Laravel, Angular, Flutter, Ionic, Firebase, MongoDB, MySQL, PostgreSQL, Git, Linux (Ubuntu), Docker, Kubernetes, Jenkins, CI/CD Pipelines
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Hetzner, Hostinger, OVH
- **Other:** Data structures and algorithms

CERTIFICATIONS

- Complete NodeJS Developer (GraphQL, MongoDB, + more)
- Next.js Ecommerce 2025 – Shopping Platform from Scratch
- Ionic – Build IOS, Android and Web Apps with Ionic, Udemy.
- Complete SQL and Databases Bootcamp: Zero to Mastery, Udemy.
- Complete Angular Developer Bootcamp: Zero to Mastery, Udemy.
- Web GIS Development Course, Udemy.
- Complete Flutter Development Bootcamp with Dart, Udemy.
- The Complete Web Developer: Zero to Mastery, Udemy.

PERSONAL SKILLS

- Communication
- Emotional Intelligence (EO)
- Problem Solving
- Adaptability
- Time Management
- Leadership & Influence