

Software Engineer with 8 years of experience in designing, developing, and optimizing scalable applications, with a strong focus on delivering high-quality, efficient solutions.

Work Experience

<u>Manager Software Development</u>	<u>Smart Tech One - FDHL</u>	<u>2019 - Present</u>
Full Time	Islamabad, Pakistan	
<ul style="list-style-type: none">Designed user friendly interfaces for numerous significant projects, utilizing Laravel, Angular and Flutter with full Integration of REST APIs, ensuring comprehensive functionality across all features.As a manager software development, I have extensive experience working on legacy systems, providing ongoing maintenance and implementing updates to existing large-scale projects.Successfully developed a Progressive Web Apps (PWA) for various web applications enhancing their accessibility and user reach.Providing guidance, training and support to junior team members to foster professional growth and skill development.Identifying, diagnosing and resolving complex software issues in a timely manner.Designed and developed the hybrid mobile applications using Flutter, ensuring cross-platform compatibility and efficient performance.Performed ongoing maintenance for different web apps, ensuring smooth functionality, addressing bugs, implementing feature enhancements and uploading updates to the Google Play Console.Proficient in managing Google Play Console and experienced in uploading numerous apps to the Google Play Store.Configured Selenium WebDriver and created Selenium automation scripts in C# for various applications.Worked on Geographic Information System software using Leaflet.js, Geoserver and Open Layers.Performed penetration tests on legacy web applications. Identifying methods and entry points that attacker might use to exploit vulnerabilities or weaknesses.Deployed web applications using multiple AWS services (EC2, S3, Route 53, RDS, SES).		

Technologies and Languages

- Languages: PHP, C#/C++, Dart, Java, JavaScript, TypeScript,
- Technologies: Laravel, Angular, Flutter, Ionic, Firebase, MongoDB, Hetzner, MySQL, Postgres, AWS, Git
- Other: Data structures and algorithms

Education

- BS Computer Science**, Air University, Islamabad. **2014 – 2018**
- FSC Pre-Engineering**, Fazaia Inter College E-9, Islamabad. **2011 – 2013**
- Matriculation**, KRL Grammar Scholl, FA Islamabad. **2004 – 2011**

Projects

- SaaS CMS** - Independently developed a full-stack SaaS CMS using Laravel with multi-tenancy, where each tenant has its own database. Implemented features like user authentication, real-time updates, and role-based access to ensure secure and efficient content management across multiple clients.
- Smart One Billing** - Collaborated with junior engineers to develop a Smart Billing project in Angular, featuring member and employee panels, billing, ticketing, permissions, API integration, and server deployment with Nginx.

- **Hospital Information Management System** - Spearheaded the development of a hospital management system using Laravel, optimizing patient records, scheduling, inventory management, and providing a mobile app for on-the-go access for healthcare professionals.
- **Residence Portal** - 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.
- **Dynamic CMS** - Worked on a dynamic CMS with built-in common modules to accelerate mobile app development, ensuring faster deployment and cross-platform usability. The CMS included reusable features commonly needed in mobile applications, reducing development time and effort.
- **Bomjour** - 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.
- **Laqtaat** - I developed the backed 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! It's a revolutionary approach in the world of trading.
- **Jobulus** - Collaborated on developing a job portal using Angular for the frontend, Laravel for the backend and CMS, and Ionic for mobile apps. The system included job listings, user notifications, and a complete recruitment workflow to streamline hiring processes.
- **GuruJam** – Collaborated on developing a freelancer marketplace in Laravel, where "Gurus" teach skills ("Jams"), featuring a CMS for content management and integrated Zoom for seamless communication.
- **Aup Website** - Worked on the AUP University website and its backend CMS, managing content, user access, and academic modules. Helped streamline administrative operations and enhance the university's online presence and functionality.
- **GIS Application** - I developed an interactive GIS application for a smart city project that allowed real-time identification of user plots through map clicks or credential-based search. The system provided a visual and data-driven interface for locating and managing land plots efficiently.
- **Lenitfy** - I worked on the mobile app, a platform where users can rent items, chat with other users, and favorite products for quick access. The app streamlined peer-to-peer renting with features like real-time messaging, product listings, and user engagement tools.
- **HRL Files** - I worked closely with my team to develop a system that automated the organization and management of all company files. The system replaced manual processes with a streamlined digital workflow, improving file accessibility, version control, and overall operational efficiency.
- **HRL Workspace** – I developed a centralized system to manage meetings, tasks, emails and internal workflows, The system streamlined communication, improved task tracking and enhanced overall team productivity. It provided a unified platform for organizing daily operations efficiently.
- **FDHL Website** - Independently developed the FDHL website, designing and implementing all frontend sections from the ground up. Also built a tailored CMS for backend management, allowing seamless content control and efficient site maintenance.

Certificates

- 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.

Interests

- I enjoy the freedom and adventure of biking, constantly seeking new routes and challenges
- Enjoy immersing myself in the world of e-games, from strategy games to fast-paced action titles.