

Bilal Arshad

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[Bilal Arshad Portfolio Link](#)

EXPERIENCE

Apprays

Nov. 2025 – Present

Software Engineer

Lahore, Pakistan

- Designed, developed, and maintained scalable web and mobile applications using **React, Flutter, JavaScript, and Python**, delivering high-quality features across agile releases.
- Collaborated closely with product managers, designers, and QA teams to analyze requirements, define technical solutions, identify edge cases, and deliver features early in the SDLC.
- Built and consumed **RESTful APIs**, implementing secure backend logic and business workflows while ensuring seamless frontend integration.
- Designed and managed **databases** (SQL/NoSQL), optimizing queries, data models, and performance for scalable applications.
- Implemented application state management, reusable components, and responsive UI to ensure consistent user experience across platforms.
- Integrated applications with third-party services and tools, ensuring reliability, security, and maintainability. • Participated actively in **Agile/Scrum ceremonies**, including sprint planning, daily stand-ups, sprint reviews, and retrospectives.
- Performed code reviews, debugging, and performance optimization to maintain clean, maintainable, and efficient codebases.

PROJECTS

LegalEase: Streamline Legal Management | Python, JavaScript (Django, React)

- Developed a comprehensive legal management system to streamline document handling, contract drafting, case tracking, and client management for law firms.
- Built backend services using **Django** and frontend interfaces using **React**, with **MySQL** as the primary database.
- Implemented user authentication, role-based authorization, and an **AI-based chatbot** for legal assistance.
- Ensured robust security measures, compliance standards, and scalable system architecture using Agile methodology.

User Authentication System | Node.js, MySQL

- Developed a secure login/signup system using **Node.js**, integrated with **MySQL** for credential storage.
- Implemented email verification, password encryption, session management, and authorization controls.
- Applied security best practices and conducted vulnerability testing to enhance system reliability.

Sooraj Crop Sciences – Corporate Website | React.js, APIs, Chabot Integration

- Built a modern corporate website showcasing **agriculture products**, research content, and **brand identity**.
- **Integrated Chabot APIs**, dynamic image sections, social media videos, and downloaded brochures.
- Optimized performance, responsiveness, and user experience across desktop and mobile devices
soorajcropsciences.com

United Energy – Solar Company Website Web Technologies

- Developed a professional website for a solar energy company and authorized dealer of **BYD and Canadian Solar in Pakistan**.
- Enhance UI/UX design and ensured full responsiveness for improved customer engagement.
unitedenergy.pk

EDUCATION

Virtual University of Pakistan.

2021-2025

Bachelor's in Software Engineering

Lahore, Pakistan

SKILLS

QA & Automation: Cypress, Playwright, Postman, STLC, Test Case Design, Bug Tracking, Regression Testing, CI/CD (Jenkins)

Programming: JavaScript, Python, Java, SQL, HTML, CSS, C++

Web Development: React.js, Node.js, Django, RESTful APIs

DevOps & Cloud: Docker, Kubernetes, Jenkins, Azure, Google Cloud Platform

Databases: MySQL, PostgreSQL, Firebase, MongoDB

Tools: Git, GitHub, Jira, Draw.io

Practices: Agile (Scrum/Kanban), TDD, Code Reviews