Arif Hussain

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SUMMARY

Software Engineer experienced in **Next.js, Flask, and MySQL** with exposure to **Machine Learning** and **Flutter**. Skilled at building scalable full-stack solutions, integrating REST APIs, and deploying cloud-ready web apps. Passionate about developing user-centric, efficient, and modern digital systems.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, PHP, Java, SQL

Frameworks & Libraries: React, Next.js, Flask, Angular, Tailwind, Material-UI, GraphQL, WordPress

Databases & APIs: MySQL, RESTful APIs, GraphQL APIs

Tools: Git, GitHub, VS Code, Figma, Postman, Notion, Jira, Deployment (Vercel, PythonAnywhere)

Concepts: OOP, SDLC, Agile, Design Patterns, Testing & Debugging, UX/UI Design

EXPERIENCE

Full Stack Developer — Jun 2025 – Present
SIBA Testing Service (STS) — *Sukkur, Pakistan*

− Develop and maintain dynamic STS portals using Angular and REST APIs.
− Improve UI/UX performance, optimize workflows, and ensure secure data operations.
− Collaborate with QA and backend teams to ensure reliable system integration.

Software Engineer Intern — Jun 2024 – Jul 2024
Printkrr — *Sukkur, Pakistan*

− Developed a responsive landing page using React, Next.js, and Material-UI improving retention by 25%.
− Optimized GraphQL queries via Apollo Client reducing data load time by 30%.
− Used GitHub for team collaboration and agile version control.

PROJECTS

SmartEval – AI Course Assessment Platform | Next.js, Flask, MySQL, Gemini — *2024–2025*

− Built an AI-driven platform for automated grading and personalized feedback using Gemini API.
− Implemented secure authentication, course management, and real-time analytics dashboards.
− Deployed full-stack system on PythonAnywhere and Vercel ensuring stable, production-grade performance.

AI Assignment Evaluator | Next.js, Flask, OpenAI, MySQL — *2025*

− Developed a role-based assignment evaluation portal with instant AI feedback for faculty and students.
− Integrated backend APIs for automated grading and efficient content management.
− Improved evaluation accuracy and reduced manual workload through NLP-based feedback generation.

Hangman Game | Flutter, Dart — *2024*

− Created an interactive mobile Hangman game with engaging UI and smooth animations.
− Implemented dynamic word generation, scoring logic, and increasing difficulty levels.
− Optimized responsiveness for multiple screen sizes ensuring seamless gameplay.

ByteQuiz – Programming Quiz App | Jetpack Compose, Room DB — *2024*

− Developed a quiz app for programmers with real-time progress tracking and feedback.
− Displayed correct answers dynamically before proceeding to the next question.
− Applied Gestalt design principles to enhance clarity and visual hierarchy.

FBD System | JavaScript, PHP, MySQL *2023–2024*

- − Developed a service management system with secure authentication and dashboard modules.
- − Implemented subscription and user management functionalities with data validation.
- − Deployed and tested the system ensuring high availability and client satisfaction.

EDUCATION

Sukkur IBA University Sukkur, Pakistan
Bachelor of Science in Software Engineering | CGPA: 3.2/4.0 *Oct 2021 – Jun 2025*

CERTIFICATES

Build with Google AI: Apps, Videos & Stunning Visuals – Udemy

Python Development and Python Programming Fundamentals – Udemy

Webservices API Testing with Postman – Udemy

WordPress: Develop Site Without Coding – Udemy

Flutter BootCamp – Udemy (Jun 2024)

Managing Multiple Projects – LinkedIn (Jun 2024)

Introduction to MongoDB – MongoDB (May 2024)

Learn Node.js Course – Codecademy (May 2024)

Learn React Course – Codecademy (May 2024)