

Muhammad Abu Bakar

ironsamurai786@gmail.com | +92 (301) 8407613

EXPERIENCE

FUTURE DEV SOLUTIONS | SENIOR SOFTWARE ENGINEER

Sept 2024 – present | Johar Town, Lahore

- Led the design and architecture of scalable database systems and backend infrastructure.
- Developed business-focused software solutions, including restaurant POS systems, school management platforms, digital marketplaces, and AI-driven agents.
- Collaborated with cross-functional teams to ensure robust and maintainable software delivery aligned with client goals.
- Mentored junior developers by promoting best practices, clean code standards, and efficient problem-solving strategies.
- Focused on system optimization to enhance performance, scalability, and user experience across multiple projects.

VISIONBIRD TECHNOLOGIES | FULL STACK DEVELOPER

Feb 2022 – Nov 2024 | Shadman Colony, Gujrat

- Focused on frontend development while contributing to backend tasks as needed.
- Built landing pages and CRM dashboards with clean, reusable code following DRY principles.
- Embraced modern tools and best practices to improve code quality and performance.
- Collaborated with team members to deliver scalable, user-friendly solutions.

CODEK TECHNOLOGIES | REACT DEVELOPER INTERN

Mar 2021 – Aug 2021 | Dhakar Plaza, Gujrat

- Began my development journey by learning core web technologies and React fundamentals.
- Built and debugged small-scale UI components with guidance from senior developers.
- Gained hands-on experience with responsive design, version control, and modern frontend practices.

PROJECTS

ORBY POS | LEADING DEVELOPER

Oct 2024 – May 2025

- Led development of a feature-rich POS solution for restaurants, setting code structure and best practices as Senior Developer.
- Built modules for landing page management, waiter and kitchen/bar apps, employee roles, order handling with receipts, and table layout design.
- Focused on scalability, maintainability, and smooth integration across the full restaurant operations workflow.

EDU TECH | LEAD DEVELOPER

Jan 2025 – Apr 2025

- Solely designed and developed a comprehensive school management system from architecture to deployment.
- Built multi-role support for Admins, Teachers, Students, and Parents with secure role-based access.
- Implemented features such as QR-based attendance, lecture scheduling, assignments, exams, results, announcements, and real-time chat.

EDUCATION

UNIVERSITY OF GUJRAT

BACHELOR OF SOFTWARE
ENGINEERING

Sept 2018 – Oct 2022 | Gujrat

Cum. GPA: 3.01 / 4.0

SKILLS

LANGUAGES & FRAMEWORKS

JavaScript • TypeScript • PHP • Python
• C/C++/C • SQL

WEB & APP DEVELOPMENT

MERN Stack • Next.js • Node.js • React •
Express • Tailwind CSS • HTML/CSS

TOOLS & PLATFORMS

Docker • Git • GitHub • AWS • Cursor •
Jira • Confluence

AI & MACHINE LEARNING

OpenAI APIs • Hugging Face • Ollama •
LangChain • Open-source LLMs

OTHER TECHNOLOGIES

Unity (C) • REST APIs • Prisma •
MongoDB • PostgreSQL

LINKS

Github:// **Bakar-se**

LinkedIn:// **its-bakar**