Abu Bakar

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SUMMARY

Accomplished Senior Software Engineer with a proven track record in developing robust, scalable applications using Ionic, Angular, PHP, and Python. Expert in leading backend development, configuring server environments, and managing full-stack projects. Demonstrated proficiency in integrating cutting-edge technologies to improve application functionality and user experience. Seeking to leverage extensive software engineering expertise in a dynamic new role that drives business success.

EXPERIENCE

Software Engineer II
Salvay

July 2023 − Present
Remote, USA

- Developing a **Web3 gaming platform** that enables users to play games seamlessly.
- Building an **Electron-based desktop application** for game launching, enhancing cross-platform accessibility.
- Integrating **Steam APIs** to allow users to manage and launch games directly within the platform for a unified experience.
- Worked for a US client with 4,000+ stores across Europe, America, and Canada, contributing to various mobile apps with new feature implementations.
- Implemented SQLite for local database access in mobile applications to enhance offline functionality.
- Handled deployment using Nginx and provided limited support to the PHP backend and database.
- Developed Python scripts to ensure efficient data syncing, following best practices to prevent redundancy and data integrity issues.

Software Engineer I
Syntron Solutions

May 2022 − June 2023
Islamabad, Pakistan

- Developed and maintained multiple projects, including an eCommerce admin portal and mobile app.
- Built a resume builder using Angular for the front end and Laravel for the back end.
- Contributed to mobile apps, integrating Zoom and Stripe, and working with Firebase for real-time data handling.
- Worked on various business websites and portals, delivering functional and user-friendly solutions.
- Implemented Stripe payment integration in a funding application for seamless online transactions.

Software Engineer I
Nextstep Business Solutions

Mar 2021 − May 2022
Lahore, Pakistan

- Worked on a comprehensive ERP system for hospital management, originally developed in ASP.NET.
- Converted the system to use APIs and redeveloped the front end in Angular to improve UI/UX.
- Focused on key modules such as Hospital Management (HMS), Inventory and Pharmacy.
- Converted raw SQL queries to stored procedures for optimized performance and better maintainability.
- Enhanced system efficiency, streamlining hospital operations through improved user-friendly interfaces.

EDUCATION

University of Agriculture
B.S in Software Engineering; **GPA: 3.21/4.00**
Conversational AI Chatbot Using Pytorch; **FYP**

Faisalabad, Pakistan
2016 − 2020
Jan 2020 − Aug 2020

SKILLS

Programming: Javascript, Typescript, Python, PHP, C#, SQL

Frameworks: Angular, Electron, Laravel, Express, Next Js, ASP.NET

Backend: REST APIs, Webhooks, Websockets, GraphQL

Databases: PostgreSQL, MySQL, MongoDB, Firebase, SQLite

CI/CD: Docker, Github Actions