

LAIBA QAISER

SOFTWARE ENGINEER | BACKEND & FRONTEND EXPERTISE

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CORE COMPETENCIES

Backend Development Strategies
.....
Framework Implementation for Scalable Applications
.....
Frontend Interface Design
.....
User Experience Enhancement
.....
Database Architecture Optimization
.....
Cloud Infrastructure Management
.....
Continuous Integration and Deployment
.....
API Design and Development
.....
Real-Time Data Synchronization
.....
DevOps Process Automation
.....
Application Performance Monitoring
.....
Project Workflow Optimization
.....
Version Control and Collaboration
.....
Microservices Architecture Design
.....
Agile Methodologies Implementation
.....
Security Protocol Development for Applications
.....

EDUCATION CREDENTIALS

- Bachelor of Science in Computer Science**
University of Engineering & Technology
Lahore | June 2021

KEY ACCOMPLISHMENTS

Conversational Smart Guide for Visually Impaired People

- Designed an Android application leveraging Machine Learning to narrate real-world scenarios for visually impaired users.
- Achievement: Represented the project at the Microsoft Imagine Cup, reaching the Top 30 Teams globally.

TECHNICAL PROFICIENCY

- Programming Languages:** JavaScript, Python, TypeScript
- Frameworks & Libraries:** React.js, Node.js, Django, Sails.js
- Tools & Platforms:** Git, AWS, Docker, RabbitMQ, S3
- Database Systems:** MongoDB, MySQL, PostgreSQL
- APIs & Integration:** REST APIs, GraphQL, Redis

PROFILE SUMMARY

- Innovative and detail-driven Full Stack Software Engineer with 3+ years of experience** in designing, developing, and optimizing scalable software solutions.
- Proven expertise in backend development with Node.js, Django, and microservices, alongside frontend frameworks such as React.js and TypeScript.
- Adept at integrating complex third-party systems, implementing real-time event-driven architectures, and improving application performance.
- Recognized for delivering impactful results, such as increasing client revenue and driving seamless product life cycles.

EMPLOYMENT OUTLINE

Freelance Full Stack Software Engineer

July 2024 – October 2024 | ILM – UK-Based School Search Website

Key Deliverables:

- End-to-End Development:** Developing a school search platform using Next.js, streamlining location-based school discovery for users.
- User Experience Optimization:** Crafted a responsive, user-friendly interface to enhance customer satisfaction and engagement.
- Backend Operations:** Ensured seamless backend operations with API integrations and secure data management.
- Enhanced API Performance:** Leveraged GraphQL to optimize API performance, reducing query response time by 30%.

Full Stack Software Engineer

April 2021 – February 2024 | XSTAK | Shopdev – Lahore, Pakistan

Key Deliverables:

BigCommerce Integration

- Developed Scalable Services:** Architected a standalone BigCommerce service using Node.js and MongoDB to ensure robust scalability.
- Optimized Real-Time Communication:** Utilized RabbitMQ for real-time communication between services, ensuring seamless data synchronization.
- Event-Driven Architecture:** Implemented event-driven architecture using Amazon EventBridge to achieve dynamic system updates.
- Impact:** Boosted company revenue by deploying the solution for Lazurde, a major client.
- Enhanced Deployment Efficiency:** Automated API testing processes using Postman and Jest to streamline deployment pipelines, reducing post-deployment issues by 20%.

HYPR – B2B/B2C Ecommerce Product

- Modernized Product Architecture:** Spearheaded the transition of product architecture from Angular to React.js, enhancing scalability and maintainability.
- Full Stack Development:** Developed server-side functionality using Node.js and Sails.js while designing intuitive UI/UX with React.js and TypeScript.
- Integrated Payment Solutions:** Implemented secure payment APIs and managed deployments via AWS and CI/CD pipelines.
- Performance Monitoring:** Monitored system reliability using Elastic APM Logs and Sentry.
- Impact:** Delivered a robust product lifecycle strategy, leading to improved efficiency and client satisfaction.

PERSONAL DOSSIER

- Languages Known:** English, Urdu
- Nationality:** Pakistani