

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

EDUCATION CREDENTIALS

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
- Frontend & Testing:** HTML5, CSS3, Tailwind CSS, Jest, Cypress (basic)
- Tools & Platforms:** Git, Docker, AWS (EC2, S3), GCP (basic), RabbitMQ, Celery
- Database Systems:** MongoDB, MySQL, PostgreSQL
- APIs & Integration:** REST APIs, GraphQL, Redis
- DevOps & CI/CD:** GitHub Actions, Postman (API testing), Vercel
- Architecture:** Microservices, Event-Driven Systems, Serverless (AWS Lambda)

CERTIFICATIONS

-Scrum Fundamentals Certified

PERSONAL DOSSIER

Languages Known: English, Urdu
Nationality: Pakistani

PROFILE SUMMARY

Full Stack Software Engineer with 4+ years’ experience building scalable, data-driven applications using Node.js, Python (Django), React.js, and PostgreSQL. Adept in microservices architecture, CI/CD, and real-time event systems (RabbitMQ, Redis). Passionate about automation, clean code, and optimizing user and developer experience. Seeking to contribute to high-impact, remote-first teams revolutionizing global industries.

EMPLOYMENT OUTLINE

Freelance Full Stack Software Engineer

March 2025 - Present

Projects: Car Documents Printing Platform, SocialBot, Curiosity Navigator, CareerFrame

Technologies Utilized : Node js , React js , PostgreSQL , Prisma , Vercel, AWS, S3 , AWS Lambda

Key Deliverables:

- End-to-End Development:** Delivered end-to-end development of full stack web applications for various clients across logistics, automation, and career discovery domains.
- User Experience Optimization:** Built responsive and intuitive UIs with React.js to enhance user experience and engagement.
- Backend Operations:** Designed and implemented scalable, secure backends using Node.js, Prisma, and PostgreSQL, ensuring efficient data handling and system reliability.
- Enhanced API Performance:** Integrated authentication and secure database handling to protect user information.
- Set up CI/CD pipelines using GitHub Actions and AWS to automate testing and deployments, reducing manual operations by 50%.
- Collaborated asynchronously with international clients using tools like Slack and GitHub, ensuring clear communication in remote setups.

Freelance Full Stack Software Engineer

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

Technologies Utilized : Next Js, Node js , React js , PostgreSQL , Prisma , Vercel

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

Technologies Utilized: Node js , MongoDB, Amazon Event Bridge, RabbitMQ, AWS

- Developed Scalable Services:** Architected a standalone BigCommerce service using Node.js and MongoDB to ensure robust scalability.
- Optimized Real-Time Communication:** Automated event-driven workflows using Amazon EventBridge and RabbitMQ. 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 (TEAM LEAD)

Technologies Utilized: Node js , Sails js, React js , Angular , MySQL, AWS, Payment Integrations

- Modernized Product Architecture:** Spearheaded the transition of product architecture from Angular to React.js, enhancing scalability and maintainability.
- Full Stack Development:** Led microservices-based backend design with Node.js and MongoDB, improving modularity and deployment speed.
- 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.