

# Abubakar Sohail Software Engineer

 abubakarsohail83@gmail.com

 Github

 Pakistan | UK Work Eligibility Secured

 Portfolio

 Linkedin

## Profile

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Results-driven Full Stack Software Engineer with expertise in **JavaScript**, **MERN stack**, **Ruby on Rails** (RoR), and **Next.js**. Proven experience building scalable, high-performance web applications and optimizing **API integrations** for **relational and non-relational databases**. Skilled in writing **unit tests**, implementing **DevOps** best practices, and deploying applications on **cloud servers**. Adept at working with international clients, applying **Agile development** methodologies, and adhering to **security best practices**. Passionate about leveraging **innovative technologies**, collaborating with diverse teams, and continuously learning to contribute to impactful projects. Always eager to grow and take on new challenges in **fast-paced environments**.

## Skills

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### Technologies & Frameworks

React, Next.js, Node.js, Express.js, TypeScript, JavaScript (ES6+), Ruby on Rails, Inertia.js, Hotwire, Turbo, Stimulus, Redux, Context API, Tailwind CSS, Headless UI, React Query, Axios, WebSockets, Socket.io, Jest, RSpec, HTML5, CSS3, SASS, RESTful APIs, GraphQL, Webpack, Vite, Babel, Git, GitHub, Bitbucket

### Cloud and Infrastructure

AWS (EC2, S3, Lambda, CloudFront, RDS), Docker, Nginx, CircleCI, CI/CD, Redis, Sidekiq, Elasticsearch, Datadog, DynamoDb

### Database

PostgreSQL, MongoDB, MySQL, SQLite

## Professional Experience

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2023 – present  
Lahore, Pakistan

### Software Engineer

*Devsinc*

- Led full-stack development using **Next.js**, **Node.js**, **React with TypeScript**, and **Ruby on Rails** to deliver scalable solutions for international clients.
- Designed and optimized a **multi-tenant platform** with **React (frontend)**, **Next.js (SSR)**, **Nginx**, and **GraphQL APIs** with SQL databases, enhancing scalability and performance.
- Spearheaded a **component-based architecture** using **Material UI** and **Tailwind CSS**, improving frontend scalability and developer productivity.
- Reduced page load times from 11 to 1.5 seconds by optimizing **database queries**, refactoring legacy code, and implementing modern practices.
- Enhanced API workflows by integrating **CRMs like HubSpot and Leadfeeder**, reducing response times by 30% and improving data synchronization.
- Developed and deployed applications using **Kubernetes**, **AWS**, and **CI/CD pipelines**, utilized **Docker** for containerization, ensuring seamless updates, scalability, and optimized performance.
- Actively involved in **training new hires on Ruby on Rails (RoR)**, providing guidance on best practices, code quality, and project workflows.

2023  
Lahore, Pakistan

### **Junior Software Engineer**

*Technocares*

- Gained hands-on experience with **AngularJS** and **.NET with C#**, strengthening my skills in full-stack web development.
- **Contributed** to the development of a live AutoMobiles **Marketplace**, enhancing my understanding of web application design, user experience, and backend integration.

2021 – 2022  
Remote

### **Freelance**

*Fiverr*

- **Engineered** 20+ web applications, leveraging **React, JavaScript and Python**. Applied advanced data structures and algorithms to solve complex logical problems, frequently employing C and C++ for their performance advantages in computationally intensive tasks.

## **Projects**

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### **Truecar**

- Developed a **multi-tenant platform** for new and used car buyers using **React, Next.js (SSR), Ruby on Rails**, and **GraphQL** to deliver local vehicle pricing and upfront pricing from a network of microservices.
- Designed and implemented **GraphQL endpoints** and utilized a **resolver pattern** for efficient data querying and backend optimization.

### **Recruitment Marketing**

- Developed a **scalable marketplace platform** for recruitment software using **Node.js, Express.js, React with TypeScript**, and **PostgreSQL** for robust data management and seamless client-server interaction.
- **Integrated CRMs** like **HubSpot** and **Beehiiv** to streamline marketing processes, enhancing data synchronization and improving campaign management.

### **MapleHR**

- Developed a comprehensive **HR management platform** to handle people management, organizational hierarchies, claims, tickets, leave requests, and resource management using **Ruby on Rails** and **React**.
- Applied **microservice communication patterns** to optimize high-volume request handling and achieve service decoupling for better maintainability.

### **Roboscout**

- Developed this project using **Ruby on Rails**, **React**, and **TypeScript** to search academic publications and identify relevant researchers. Implemented backend methods and **Sidekiq** jobs with **Redis** and **SQLite** to handle search queries and process large datasets from the **OpenAlex API**. Enhanced the user interface with **React** and **React Query** for real-time updates and improved user experience. Utilised modern web development practices and technologies, demonstrating strong skills in full-stack development and collaborative open-source contribution

### **Connectly**

- Developed an in-house communication platform similar to Slack, for real-time team collaboration.
- Built the backend using **Rails** and **React**, with **ActionCable** Channels enabling **WebSocket**-based communication.

## **Education**

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### **Bachelor of Science in Computer Science**

*University of the Punjab*