

# Abubakar Sohail *Software Engineer*

✉ abubakarsohail83@gmail.com

🔗 Github

📍 Pakistan | UK Work Eligibility Secured

📁 Portfolio

🌐 LinkedIn

## Profile

---

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

---

### 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

---

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

---

### 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

---

### Bachelor of Science in Computer Science

*University of the Punjab*