

# Abdul Qadir

## Software Engineer

✉ [abdulqadir12e@gmail.com](mailto:abdulqadir12e@gmail.com)    ☎ +923137963948    📍 Lahore, Pakistan    🔗 [abdulqadir-dev](#)  
🐙 [abdulqadir-dev](#)

## PROFILE

Solutions-focused and goal-oriented software engineer with 5+ years of experience in Full Stack Web development using MERN Stack technologies and Mobile Application development using React Native with Typescript. I thrive on tackling new challenges and adept at solving problems. As a firm believer in Clean Code Practices and Test Driven Development, I consistently strive for code quality and scalability.

## SKILLS

- |                         |                          |                            |
|-------------------------|--------------------------|----------------------------|
| • TypeScript            | • React.js               | • React Native             |
| • Nest.js               | • Express.js             | • MySQL                    |
| • PostgreSQL            | • MongoDB                | • Redux (Toolkit/ Saga)    |
| • React Query           | • Docker                 | • CI/CD                    |
| • GraphQL               | • Microservices          | • Third Party Integrations |
| • AWS EC2               | • AWS RDS                | • AWS (Lambda/SQS/S3)      |
| • Javascript/Python/C++ | • Cypress & Detox & Jest | • DigitalOcean             |

## PROFESSIONAL EXPERIENCE

10/2024 – present  
Remote, Pakistan

### Senior Software Engineer VN-Consulting

#### Curetrax (Healthcare) [↗](#)

- Developed a **MERN Stack** healthcare portal with real-time **chat** (**WebSockets**), **Firebase** alerts, and secure report storage (**AWS S3**).
- Designed a logging system (**DynamoDB**) and deployed on AWS (**EC2**, **RDS**, **CloudWatch**) with **CI/CD** automation.

#### Skipify (Skiptracing For USA Real Estate) [↗](#)

- Implemented **billing** and **payment** history using **Stripe**, with seamless API integration and state management via **Redux-Toolkit**.
- Processed **120M+** **property** records from **FTP Data-Tree** into **AWS S3**, **MongoDB**, and **Apache Solr**, deploying via **Putty** on **AWS EC2**.

#### Seller-Litigation (Property Lawsuits) [↗](#)

- Fetched and uploaded case lists from **Pacer** APIs into **MySQL**, enabling **efficient** case management by date range and case numbers.
- **Optimized** case **search** performance. **React.js**, **Node.js**, **Nest.js**, and deployed on **AWS EC2** via **Putty**.

10/2024 – 02/2025  
Lahore, Pakistan

## Senior Software Engineer Techtiz

### LinkedGolf [↗](#)

- Developed a **golf event scheduling** system with availability management on **Node.js**, integrating **Google Maps APIs** for location selection.
- Implemented real-time **notifications** using **Firebase**, keeping golf buddies informed about new events.
- **Automated** event expiration using **cron Jobs**, ensuring timely removal of expired events.
- Built and deployed a full-stack app on **Digital Ocean**, **leading** backend development, **API integrations**, and frontend **state management**.

### Aniflex (Workout App) [↗](#)

- Developed the **Nest.js** backend for a **fitness** app, enabling users to set target goals and receive personalized **30-day workout** plans.
- Implemented a workout **assignment algorithm** for customized exercise routines and a **scoring system** to track progress.
- Integrated **Firebase notifications** for workout reminders and assisted with **API integration** on the **Flutter** app.
- Deployed and managed the application on **AWS EC2, S3, RDS**, with **CI/CD** automation for seamless updates.

### Unity Admin Portal [↗](#)

- Developed the **Nest.js** backend for **organization management**, including dynamic navigation and **user access** control.
- Implemented **RBAC** for role-based **permissions** and integrated **Bitrix** for collaboration with **Sentry** for error monitoring.
- Deployed on **AWS EC2, S3, and RDS**, ensuring scalability and high performance.

01/2024 – 10/2024  
Lahore, Pakistan

## Senior Software Engineer Techdots

### Nivoda.com (B2C App) [↗](#)

- Developed a **Shipment tracking system** for diamonds from Suppliers to Nivoda, Nivoda to Customers and from Suppliers to customers.
- Implemented a diamonds and gems **quality check flow**.
- Conduct daily code reviews and extensive testing.
- Technologies used **React.js**, **ContextAPI**, **GraphQL**, **Node.js**, **Express.js** and **PostgreSQL**.

### Makhulu.com [↗](#)

- Developed a **Real Estate** agency portal on **Twenty CRM** with **RBAC**, integrating **PropertyFinder**, lead management, and **payment** tracking.
- Implemented a **Chatbot**, **email syncing**, and **tenant** management, deploying securely on **DigitalOcean** with **SSL**.

### Cashyou (CMS) [↗](#)

- **CMS** for an App which offers deals and discounts on brands and partners associated with it.
- **Revamp** of this CMS from Ruby to Node.js application. Building core feature using **Nest.js** and **PostgreSQL** along with **TypeORM** for the backend development.
- Conduct daily **code reviews** and extensive testing.

09/2020 – 01/2024  
Lahore, Pakistan

## Software Engineer Retailo Technologies

### WMS (ERP)

Developed a **Warehouse Management System** to efficiently manage **Inventory, Purchase Orders, Vendors, Adjustments, and User Roles** across multiple virtual warehouse locations in **Pakistan, Saudi Arabia, and Dubai**.

- Built the **backend from scratch** using **Nest.js** with **Prisma ORM** for structured database interactions.
- Integrated **OpenSearch & Elasticsearch** for advanced search functionality.
- Leveraged **AWS services** (S3, SQS, Lambda) for cloud-based operations.
- Contributed to the frontend by implementing **redux state** management and **API integrations**.
- Automated testing with **Cypress** and conducted **daily code reviews** to ensure high coding standards.

### StockFlo App

Designed and developed the **StockFlo React Native App** to allow warehouse employees to efficiently **receive goods from delivery personnel**, ensuring **live data entry for inventory maintenance and sanity checks**.

- Led the project and implemented **most of the business logic and API development**.
- Built APIs using **Node.js, Express.js, and MySQL**.
- Integrated **state management** using **Redux-Saga** and **Redux Toolkit**.
- Set up **Detox** for end-to-end automation and **Microsoft App Center** for automated builds.

### Retailo App (B2B App)

Built the **Retailo B2B Ordering App** from scratch, enabling retailers to efficiently place and manage orders.

- Developed a **React Native** component **library** using **styled-components**, with **RTL and multilingual** support.
- Created **custom hooks** and **middleware** for seamless API integrations.
- Implemented **unit testing** and **storybook integration** to ensure component reliability.
- Integrated **Firebase, Sentry, and Microsoft App Center** for logging, crash reporting, and automated builds.

## CERTIFICATES

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- FreeCodeCamp: Javascript Algorithms 
- HackerRank: JavaScript Certificate 
- HackerRank: Problem Solving Certificate 

## EDUCATION

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2016 – 2020  
Rawalpindi, Pakistan

**BS in Computer Science**  
PMAS Arid Agriculture University  
CGPA: 3.60

## INTERESTS

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- Problem Solving
- System Design