

# Ahmad Yaqoob

## Senior Backend Developer

Phone: +923127539642  
Gmail: [ahmadyaqoob89@gmail.com](mailto:ahmadyaqoob89@gmail.com)  
LinkedIn: [ahmadyaqoob89](https://www.linkedin.com/in/ahmadyaqoob89)  
Github: [amie348](https://github.com/amie348)

Location: Pakistan  
Experience : 3+ years  
Remote Availability: Yes

### SUMMARY

Highly skilled Full Stack Engineer with extensive experience in leveraging diverse technologies to develop robust and scalable web applications. Proficient in both frontend and backend development, with a strong emphasis on delivering efficient and scalable solutions. Committed to continuous learning and innovation, ensuring project success and exceeding client expectations.

### SKILLS SUMMARY

#### Front-End

- React.js
- Next.js
- Redux
- Bootstrap
- Tailwind CSS
- Material UI
- HTML | CSS

#### Back-End

- Nest.js
- Node.js
- Express.js
- Microservices
- Flask
- GraphQL
- MongoDB
- MSSQL
- PostgreSQL

#### 3rd-Party/Others

- AWS(*lambda,S3,RDS, SNS,SQS,eventbridg,SageMaker etc.*)
- GCP(*Gmail,spreadsheets, drive, calendar etc.*)
- Twilio ( A2P 10DLC )
- Stripe
- Apify ( puppeteer )
- Git

### PROFESSIONAL EXPERIENCE

Company: Innovate Technologies  
Title: Full Stack Developer  
Duration: Jul, 2021 - Sep 2022

#### Roles & Responsibilities:

- Worked on multiple products like **Social Media Apps** and **industrial Applications** using MERN Stack.
- **Agile Development Practices:** Embraced **agile** methodology, including daily **scrum** meetings
- **Project Management Tools:** Utilized project management tools.

Company: Brackets Private Limited  
Title: Full Stack Developer  
Duration: Sep, 2022 -present

#### Roles & Responsibilities

- **Development:** Worked on multiple **FinTech** and **MedTech** using MERN Nest.js, Next.js.
- **Project Management & Time Management:** Efficiently managed tight project timelines, ensuring the timely completion of tasks.
- **Agile Development Practices:** Embraced **agile** methodology, leading daily **scrum** meetings

### Key Projects

#### Tour27 - Virtual Tour Application ( Australia ) – <https://tour27.com>

- Tour27: Platform for virtual tours with guides, tourists, and admins. Built with Nest.js, Next.js, PostgreSQL.
- Robust APIs for smooth integration, Secure user authentication, Optimized database for performance
- Key features: Hourly tour bookings, pre-recorded tours, gifts and coupons, payment refunds, complaints.

#### Smart Interview ( Pakistan ) – Private

- Built with the help of Node.js, React.js, WebRTC, MaterialUI and MongoDB.
- It's an Intelligent ATS with the integrated interview feature which monitors the candidate and generates reports on the basis of video and audio analysis using deep learning.

HealthTech Mobile Application ( USA ) – <https://monitairhealth.com>

HealthTech Applications For Patients.

- Built using Nest.js, Mongodb, Twilio, Swagger.
- Wrote complex and dynamic mongodb aggregations based on different Diseases and Data of logged in patients.
- Used twilio to authenticate and secure the patients details.

#### **Montiair Health ( USA ) – <https://monitairhealth.com>**

- Health Care application for patients and Hospital on **microservices architecture** and **micro frontend**.
- Built using Nest.js, Next.js, AWS API Gateway and other services, twilio, Docker and MongoDB.
- Implemented test-driven development ensuring HIPAA compliance.
- Integrated diverse health IOT devices for comprehensive tracking.
- Created detailed reports, graphs, and streamlined invoicing for healthcare professionals.

#### **PerkForce ( Ireland ) – <https://perkforce.com>**

- Built using Node.js, React.js, GraphQL, GCP services, twilio, and MongoDB.
- Employee Perks Showcase: Perkforce enables organizations to display employee perks effectively.
- Community Building: It fosters community connections by linking employees with local businesses.
- Centralized Benefits Information: Perkforce consolidates corporate benefits details for easy access

#### **Veronicas Insurance ( USA ) – <https://veronicas.com>**

- Built Agency Management System, CRM & Quote generation and financial management System for an insurance company using **microservices architecture**.
- Used Node.js, React.js, Docker and AWS services and leveraged **MongoDB's distributable** architecture to **shard** data into multiple nodes.
- Implemented **Twilio** for active communication between customers and management.
- Implemented a flexible **marketing campaigns** module via MAIL, SMS and email.
- Created a very secure **SSO** ( single sign on ) / **IDP** ( identity provider ) using different techniques for web and mobile like **authorization code flow** and **PKCE**
- Used a different DB for **analytics and reports** named as **Reporting DB** only for faster calculations.
- implemented other features like Task Manager, Ticket Center, Assessment reports, Lead handlings through multiple sources, Getting payment through voice calls

#### **Astra advertising ( USA ) – private**

- Developed using Nest.js, React JS and MongoDB
- Used MaterialUI for styled components
- A flexible CRM to Manage Leads and Customers of the dental industry with real time communication between agents, managers and customers to close the deals in a flexible and easy way.
- It calculates the commissions based on leads sold for agents and generates a proper report at the end of the month as a closing report for the managers.
- Leads come from Facebook pages, zapier and their own website.

#### **Nowork AI ( USA ) – private**

An AI content generator and Image manipulator

- Tech Stack: React.JS, Node.js, Stripe, MongoDB
- it provides nearly **200+ categories and subCategories** respectively.
- Leaving the user not to worry about the **prompt engineering**, just a purpose of 1-3 lines is enough to give the user exactly what he wants.
- Used Open AI APIs for text and multiple other models for integrated using python for image manipulators.

#### **Excessify HQ ( USA ) – <https://excessquest.com>**

To facilitate counterfeit drug detection, enhancing safety and trust within the pharmaceutical industry

- Developed using React.js, TailwindCSS, Node.js and MongoDB
- A CRM for Foreclosure & Tax Sale Auction Leads. Importing Leads as a bulk inside the CRM.
- Super user gives access to clients of different leads, keeping track of activities of clients on a specific lead and making it private for other clients.
- Includes marketing features via client's personnel email and twilio.
- **A2P 10DLC** implementation through Twilio

## **EDUCATION**

### **4 Years Bachelors (BS) in Computer Science, University of Gujrat, Pakistan**

**Final Year Project – Smart Interview**, Built with the help of Node.js React.js, it's an Intelligent ATS with the integrated interview feature which monitors the candidate and generates reports on the basis of video and audio analysis using deep learning.

## **Certifications**

- Microsoft Office Specialist, 11/2018, **Microsoft**
- Java Basics, 02/2018, **Oracle Academy**