

# MOHAMMED ADNAN

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## SUMMARY

Highly skilled software developer with 5+ years of experience in building dynamic web and mobile applications. Proficient in modern JavaScript frameworks like **React.js, React Native, Node.js, and Next.js**. Expertise in **cloud-native development, machine learning model integration**, and **containerized environments** using **Kubernetes and Docker**. Strong problem-solving abilities with a passion for optimizing user experiences and improving performance. Collaborative team player with a focus on writing clean, maintainable code and delivering high-quality software solutions.

## SKILLS

<b>Frontend Technologies :</b>	React.js, React Native, Redux, Next.js, HTML5, CSS3, JavaScript (ES6+), TypeScript
<b>Backend Technologies :</b>	Node.js, Express.js, RESTful APIs, GraphQL, Kafka
<b>Database:</b>	MongoDB, PostgreSQL, Firebase
<b>Cloud/DevOps:</b>	Google Cloud Platform (GCP), Azure, Docker, Kubernetes (K8s)
<b>Machine Learning:</b>	TensorFlow, PyTorch, TensorBoard, ML model deployment
<b>Testing:</b>	Jest, Cypress, React Testing Library

## EXPERIENCE

### Full Stack Developer

May 2024 - May 2025

Centific

- Contributed to the development of AI-powered enterprise solutions, focusing on automation, data processing, and digital transformation.
- Built scalable backend services using Node.js and Express, integrating cloud-based microservices with Azure and Kubernetes.
- Collaborated with cross-functional teams to deploy intelligent systems that enhance data accuracy and operational efficiency.
- Participated in code reviews and Agile ceremonies, ensuring high code quality and project transparency.

### Senior Software Engineer

Sept 2023 - April 2024

Guidesly

- Led the development of the Guidesly platform, enhancing the user experience for outdoor experience bookings.
- Led cloud infrastructure modernization for an outdoor booking platform, introducing containerized microservices on **Google Cloud with Docker/K8s**.
- Enhanced system performance by profiling backend APIs and reducing ML data retrieval latency by 40%.
- Designed and implemented RESTful APIs to facilitate smooth data exchange between the frontend and backend.
- Optimized MongoDB queries to improve data retrieval times, significantly enhancing application performance.
- Collaborated with UI/UX designers to create responsive layouts, ensuring compatibility across devices.

### Full Stack Developer

March 2022 - Sept 2023

Neudesic Technologies (IBM)

- Developed the Hours of Service (HOS) module for the Mastery logistics platform, ensuring compliance with industry regulations.
- Built backend services with Node.js, implementing real-time data processing using Kafka to handle driver logs.
- Contributed to AI workload integration planning using custom ML models for anomaly detection in driver behaviors.
- Utilized GraphQL to optimize API queries, reducing data over-fetching and enhancing frontend performance.
- Collaborated with cross-functional teams to implement Agile methodologies, ensuring timely delivery of project milestones.

## Yoofoo Technologies

- Developed the GoZego property management software, streamlining workflows for property managers.
- Implemented features for automating tenant communications, and maintenance requests, reducing administrative burdens.
- Designed the Reverse Logistics Management (RLM) platform using React Native, enabling warehouses to initiate product returns effectively.

**EDUCATION**

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<b>Master's Degree in Information Studies</b> Trine University	Jan 2025 - Present
<b>Bachelor of Computer Engineering</b> TKR College of Engineering and Technology	Mar 2015 - Mar 2019
<b>Intermediate MPC</b> Narayana Junior College	Mar 2013 - Mar 2015
<b>SSC</b> The Indo English High School	Mar 2003 - Mar 2013

**PROJECTS****Mastery**

Leading Supply Chain Logistics Platform

Technologies Used: React.js, Node.js, Kafka, MongoDB, GraphQL, GCP

- Developed the Hours of Service (HOS) module, ensuring compliance with industry regulations for tracking driver hours.
- Built backend services with Node.js, handling real-time data processing and complex business logic for managing driver logs.
- Built scalable infrastructure to ingest and process high-volume driving logs. Incorporated **ML models** to detect anomalies.
- Implemented GraphQL to optimize API queries, reducing data over-fetching and improving frontend performance.
- Used **Google Cloud Storage** and **BigQuery** for data warehousing and analytics.

**Guidesly**

Outdoor Experience Bookings

Technologies Used: React.js, Node.js, MongoDB

- Contributed to the development of Guidesly's platform, which connects fishing guides with clients, providing seamless booking and scheduling functionality.
- Built and optimized backend services with Node.js, ensuring smooth operations and high performance of the booking and scheduling systems.

**AMN Shiftwise**

Vendor Management System

Technologies Used: React.js, Node.js, CosmoDB

- Developed the order creation functionality for healthcare facilities (hospitals) to request doctors and nurses for specific shifts, including customizable criteria like specialization, availability, and location.
- Enabled vendors (staffing agencies) to view and fulfill orders placed by hospitals, ensuring a streamlined process for matching healthcare professionals with the required shifts

**RLM**

Reverse Logistics Management Platform

Technologies Used: React Native, Redux, SQL

- Developed a platform enabling warehouses to initiate the claim process for returning products, streamlining reverse logistics operations and reducing processing time.
- Implemented features to manage and track LPN (License Plate Number) and UPC (Universal Product Code) for each return, ensuring accurate identification and handling of products.

## **Pinit**

### Parking Spot

Technologies Used: React Native, Redux , MongoDB, Node.js

- Developed functionality to display nearby places, including restaurants, attractions, and parking options, using the FourSquare API, enhancing user engagement with relevant local information.
- Implemented real-time navigation capabilities with Mapbox, allowing users to easily find directions to selected nearby locations, improving overall usability.

## **GoZego**

### Property Management

Technologies Used: React Native, Redux

- Developed GoZego's software solution that simplifies cumbersome workflows for property managers and associations, enhancing operational efficiency and tenant satisfaction.
- Implemented features for automating routine tasks such as tenant communications, payment processing, and maintenance requests, reducing administrative burdens for managers.