

MOHAMMED ADNAN

+1 872 888 3804 ◊ San Francisco, California, USA

techadnank9@gmail.com

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

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

EXPERIENCE

Full Stack Developer Centific	May 2024 - May 2025
<ul style="list-style-type: none">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 Guidesly	Sept 2023 - April 2024
<ul style="list-style-type: none">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 Neudesic Technologies (IBM)	March 2022 - Sept 2023
<ul style="list-style-type: none">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.	

Software Engineer

March 2019 - March 2022

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

Master's Degree in Information Studies

Trine University

Jan 2025 - Present

Bachelor of Computer Engineering

TKR College of Engineering and Technology

Mar 2015 - Mar 2019

Intermediate MPC

Narayana Junior College

Mar 2013 - Mar 2015

SSC

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.