

SADEED UR REHMAN

Phone: +92 321 4498 914

Email: sadeed1999@gmail.com



Introduction:

Experienced Full Stack developer with a proven track record of more than 5+ years in designing and building scalable, high-performance web applications. Proficient in both backend and full-stack development, I bring a deep understanding of JavaScript and its ecosystem to the table. REST API development using NodeJS and cloud infrastructure using multiple AWS services. My core expertise lies in transforming user requirements into complete product designs, architectures, and successful deliveries.

Professional Experience:

Team Lead at Big Data analytics (21st May 2024 - Present):

- Led the development and deployment of Quantum Quota, integrating Kubeflow and Kubernetes for GPU resource management.
- Implemented ZeroTier network setup for seamless connection between providers and renters.
- Developed web application functionalities for user account management, resource allocation, and GPU specification retrieval.
- Designed and deployed mechanisms for Kubernetes namespace creation, resource limits, and Jupyter Lab IDE access for renters.
- Created automated workflows for provider machine registration, network joining, and Kubernetes user management.
- Established admin-side authorizations for machine approvals and user management, ensuring secure operations.

Senior Software Engineer at Fenris Group (17th Nov 2022 - 20th May 2024):

- Mission: Support young aspiring athletes throughout their professional sports careers.
- Analytics: Utilize targeted analytics tools like Striker2Coach and Motion2Coach.
- Real-time Predictions: Make real-time, targeted predictions about athlete development.
- Customer Relationship: Attach high importance to personal and trusting relationships with customers.
- Cooperation: Believe that a strong customer relationship is the foundation

for successful cooperation.

- Develop and maintain robust data synchronization protocols between offline applications and a central cloud server, ensuring data integrity and availability.
- Mentor and guide team members in best practices, fostering a culture of excellence and continuous learning.

Software Engineer at PowerHouse (1st June 2021 - 16th Nov 2022):

- Developed a MERN stack web application integrating AI-driven features for enhanced user experience.
- Implemented user authentication, data management, and real-time notifications using React, Node.js, and MongoDB.
- Integrated a machine learning model for personalized content recommendations, improving user engagement by 30%.
- Designed and deployed an AI-powered chatbot for customer support, reducing response time.
- Utilized Express.js for backend services, including API development for AI model predictions and user data handling.
- Set up CI/CD pipelines with Docker and AWS for streamlined deployment and scalability of the AI-driven application.

Software Engineer at Inovaqo (10th August 2020 - 13th May 2021):

- Project by Aqua: An open-source project aimed at detecting security risks in cloud infrastructure accounts.
- Supported Cloud Providers:
 1. Amazon Web Services (AWS)

- Technology Stack:
 1. Backend: Utilizes Node.js as the backend technology.
- Phases:
 1. Collection Phase: In the first phase, the project queries the cloud infrastructure APIs to gather metadata about the user's account.
 2. Scanning Phase: After collecting the necessary data in the collection phase, the project enters the scanning phase. During this phase, the collected data is used to search for potential misconfigurations, security risks, and other issues.

Associate Software Engineer at Kryptomind (5th Jan 2019 - 20th July 2020):

- Supported Cloud Providers:
 1. Amazon Web Services (AWS)
- Technology Stack:
 1. Backend: Utilizes Node.js as the backend technology and some react.

Skills:

- Product Design and Development
- Backend Development
- Software Architecture and Design
- Cloud Computing
- Code reviews
- Cryptography
- Containerizations

Frameworks:

- NodeJS
- Express JS
- Nest JS

SDKs / APIs:

- Stripe API / SDK
- AWS CDK / SDK
- Google Maps API
- Firebas API / SDK
- PayPal API / SDK
- Twilio API / SDK

Languages:

- Typescript (basics)
- Javascript
- Python (basics)
- Java (basics)

DBMS:

- MySQL
- PostgreSQL
- MongoDB
- SQL Server

Design Patterns and Architecture:

- Monolithic
- Serverless
- Microservices
- MVC Architecture

SVC / CI/CD Tools / Services:

- Github
- Gitlab

DevOps:

- Docker
- AWS CDK
- Github Actions
- Jenkins

Cloud Services:

- Lambda
- Elastic Beanstalk
- Fargate
- ECS
- ECR
- EC2
- DynamoDB
- RDS
- Serverless
 - Secret Manager
- S3
- Others
- IAM

Education:

B.S Computer Engineering 2017-2021

University Of Engineering And Technology, Lahore