

Md. Umar Siddiqui

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Professional Experience

Celebal Technologies

2021 – present | Noida, India

Node JS Developer

- Developed and integrated backend services using Node.js and SAP CRM APIs, enabling real-time data exchange and automating key business processes.
- Implemented server-side caching with Redis and optimized performance and scalability for web applications, reducing server latency and processing load.
- Created a Node.js backend for a real-time Agent Assist system on Azure Kubernetes Service (AKS), designed to handle 200,000 daily requests with high availability.
- Enhanced application security and user experience by integrating Single Sign-On (SSO) and incorporating generative AI capabilities for live agent suggestions.
- Utilized Socket.IO and Redis Pub/Sub for real-time communication, ensuring efficient data transmission and seamless user interactions in high-traffic environments

Skills

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|-------------|-----------|-------------|------------|----------------|--------|-------|
| Node JS | ExpressJS | Javascript | Typescript | MongoDb | Git | CI/CD |
| Azure Cloud | GenAI | Kafka | Redis | Azure Function | Docker | |
| Kubernetes | Postgres | App Service | | | | |

Projects

SAP Web App (Client Project)

- **Led backend integration with SAP CRM through APIs**, automating leave requests, PR, and PO processes for real-time data exchange, and implemented Single Sign-On (SSO) to enhance security and user experience.
- **Optimized web application performance and scalability** by implementing server-side caching with Redis, reducing latency and processing load, and collaborated on developing a user-friendly web interface using modern web technologies.

Agent Assist (Client Project)

- **Developed and deployed a scalable real-time Agent Assist system** on Azure Kubernetes Service (AKS), integrating generative AI, handling 200,000 requests per day, and utilizing CosmosDB and Redis for efficient data management.
- **Implemented real-time communication and load balancing** using Socket.IO, Redis Pub/Sub, and a reverse proxy, ensuring high performance, low latency, and robustness through load testing and parallel processing.

Education

Netaji Subhash Engineering College
BTECH 8.86 CGPA

Jul 2018 – Jul 2022 | Kolkata, India