

# Jairam Deo

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## SUMMARY

Versatile Full Stack Developer with 1.6 years of experience delivering robust web applications using React.js, Node.js, Express.js, and MongoDB. Proficient in MySQL, RESTful API development, and AWS integration, with a strong focus on performance, scalability, and clean architecture.

## CORE SKILLS

**Programming Languages** - Java

**Frontend Technologies / Frameworks** - React.js, HTML, CSS, Tailwind CSS, JavaScript

**Backend Technologies** - Node.js, Express.js

**Databases** – SQL, MySQL, MongoDB

**Tools & AWS Services** - Git, GitHub, Docker, REST APIs, Context APIs, EC2, VPC, S3, RDS, CloudFront, Prometheus, Loki

## WORK EXPERIENCE

Spinovix Software Pvt. Ltd. Nagpur, MH, IN

Full Stack Developer

January 2024 – June 2025

- Engineered secure and high-performance **RESTful APIs** using **Node.js**, **Express.js**, **JWT**, and **Google OAuth** enabling seamless authentication and role-based access for over **20+ users**.
- Optimized and maintained **MongoDB** and **MySQL** databases, reducing query latency by **20%** and supporting scalable transaction workflows.
- Deployed microservices architecture using **Docker** and **AWS** services **S3**, **EC2**, **RDS**, **CloudFront**, achieving **99.9% uptime** and auto-scalability across environments.
- Built a responsive frontend with **React.js** and **Tailwind CSS**, contributing to a **15% increase** in user engagement across mobile and desktop platforms.
- Documented the setup process for the **Centralized Server Monitoring System** using **Grafana** and **Loki** and uploaded it to Click Up for reference, improving team onboarding and troubleshooting efficiency.

## PROJECTS

Centralized Server Monitoring System

Technologies - Grafana, Loki, Prometheus, Express.js

- Developed a real-time server monitoring platform using **Prometheus** for metric scraping and **Loki** for log aggregation, reducing system downtime by **30%**.
- Designed dynamic **Grafana dashboards** with custom alerts and visualizations, improving system performance monitoring accuracy by **25%**.
- Integrated with **AWS RDS** for centralized log storage, used **S3** for archival backups, and configured **CloudFront** for low-latency dashboard delivery.

Personalized Health Monitoring and Recommendation System

Technologies - MERN Stack

- Engineered an **AI-driven health** monitoring platform using the **MERN stack**, boosting user engagement by 40% through real-time analytics and personalized recommendations.
- Integrated **machine learning models** with **Node.js** to predict health risks, increasing prediction accuracy by 30% and enhancing user decision-making.
- Developed secure, scalable APIs with Express.js, improving data handling efficiency by 25% and ensuring robust user **authentication** with **JWT**.

Food Delivery Web Application

Technologies – MongoDB, Node.js, Express.js, React Js

- Developed scalable **RESTful APIs** using **Node.js** and **Express.js**, managing menu, cart, and order operations with efficient data handling and middleware.
- Implemented **JWT-based authentication** and **Express Validator**, ensuring secure user access and robust input validation across all endpoints.
- Integrated a secure **payment gateway** with backend validation, streamlining the checkout process and boosting transaction reliability.

## EDUCATION

Yeshwantrao Chavan College of Engineering Nagpur, MH, IN

University - RTMNU

- Bachelor of Technology in Information Technology

July 2021 - June 2024

## CERTIFICATIONS

MERN Stack Front to Back – Full Stack React, Redux, & Node.js

By Udemy