

# ANMOL DHAMA

anmoldhama98@gmail.com | 8445847107 | <https://github.com/anmoldhama>

## Summary

Accomplished software engineer with 2 and a half years of experience in Node.js, Angular, and React.js, adept at full-stack development, agile methodologies, and comprehensive software testing. Proven ability to design, develop, and deploy scalable solutions with a focus on quality and performance.

## Skills

JavaScript | Java | NodeJS | Expressjs | Rest APIs | Reactjs | Angular | MongoDB | Kafka | MySQL | Git | Jira | AWS | k6 | elastic search | vs code | RPA Framework | Mocha and Chai | Docker | Redis | DSA

## Work Experience

Om Logistics Ltd | (Software Engineer)

OCT/22 - Current

- Developed an inventory system utilizing **Angular and Node.js technologies**. Implemented features for real-time inventory tracking Increases the business by 30% and updates.
- Participated in the full software development lifecycle, from concept and design to testing and deployment.
- Collaborated with 8 different departments to ensure streamlined integration and operational efficiency. Used technologies include Angular, Node.js, MySQL, Git, and Jira, reducing manual paperwork by 80%.
- Additionally, worked on the **item master** on both **frontend and backend** of the RapidShyp project, implementing items over categories and attributes Improved system efficiency by 30%, using technologies such as **Node.js, Express.js, React.js, Kafka, and MongoDB**.
- This enhancement increased operational efficiency by 40% and supported the scalability of **RapidShyp's** inventory management, collaborating with a team of 5 developers to achieve seamless functionality.
- Develops **external APIs** with proper auth for customers to integrate order creation and shipping functionalities into their systems, **reducing manual efforts by 40%**.
- Optimize all the apis for **better performance** on load testing reduced response times by **20%**

## Education

B.tech(Computer Science)

IIMT ENGINEERING COLLEGE - Meerut

Passing: 2022

INTERMEDIATE(PCM STREAM)

TRANSLAM ACADEMY INTERNATIONAL - Meerut

Passing: 2018

## Projects

### DNS SERVER

- Designed and implements a DNS server** from the ground up, ensuring 99.9% uptime for domain resolution across internal and external client systems, supporting over 10,000 queries daily.
- Developed custom DNS query handling mechanisms**, reducing response times by 25% for A (IPv4) and AAAA (IPv6) record requests through optimized processing.
- Integrated caching mechanisms** to improve DNS resolution performance, cutting down repetitive query times by 30% by caching frequently requested domain mappings.
- Implement failover and redundancy features**, resulting in seamless service continuity during server outages, boosting overall system availability by **99.95%**..
- Configured and managed DNSSEC (Domain Name System Security Extensions)**, enhancing security by preventing DNS spoofing and man-in-the-middle attacks, resulting in a **30%** increase in overall system trustworthiness and reliability, Technologies Used: Node.js, Redis, MongoDB, Docker, Nginx

### WAREHOUSE MANAGEMENT SYSTEM

- As a Software Developer, I spearheaded the development of a **Warehouse Management System (WMS)** leveraging Angular and Node.js technologies resulting in a **25% reduction** in manual errors
- This project aimed to revolutionize **inventory management processes**, providing real-time insights and optimizing warehouse operations. resulting in an 80% reduction in manual paperwork.
- User-Friendly Interfaces with Angular: Created intuitive **user interfaces using Angular**, enhancing user experience and enabling seamless interaction with increase 40% of the system.
- Scalable Backend Services with Node.js: Develop **scalable and efficient backend services using Node.js**, enabling the system to handle a 50% increase in inventory data volume and concurrent processing, ensuring optimal performance under heavy load
- Impacted over 8 different department and reducing paperwork by 80%.
- Efficiently managed **MRNs, NRGPs, and IUTs** for multiple warehouses, reducing 30% discrepancies and costs, Technologies Used: **Angular, Node.js, MySQL, Git.**

## Certificates

---

### Certified Node.js Developer

- Validates proficiency in Node.js, asynchronous programming, building REST APIs, and handling real-time communication, Issued By: **OpenJS Foundation**

### React Developer Certification

- Confirms skills in building modern web applications using React.js, component-based architecture, state management, hooks, and optimization techniques, Issued By: **Udemy**

### AWS Certified Solution

- Demonstrates expertise in designing and deploying scalable, fault-tolerant systems on AWS, including EC2, S3, Lambda, and other core services, issued by: **Udemy**

## Achievements

---

- **1st Place in Inter-College Coding Competition (College, 2022):** Led a team to victory in a coding hackathon by building a impactful web application within 24 hours using Node.js and React.
- **Develop College Event Management System (College, 2021):** Created a fully functional event management platform using Angular and MySQL, streamlining event registrations for over 500 students.