SRINU BATCHU

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PROFESSIONAL SUMMARY

- Senior MERN Stack Developer with **3+ years of experience** building **scalable, production-grade web applications** using **React, Node.js, Express, and MongoDB**.
- Strong ownership of **REST API design**, **real-time systems (Socket.io), JWT-based authentication**, and **performance optimization**.
- Proven experience delivering **end-to-end features** for **logistics and B2B platforms**, improving **system efficiency, reliability, and user experience**

PROFESSIONAL EXPERIENCE

Senior Software Engineer   Nov 2022 – Present
Enmovil Solutions Pvt Ltd   *Hyderabad, India*

- Owned the **end-to-end design and development of 20+ RESTful APIs** using **Node.js, Express, and MongoDB**, supporting enterprise-grade logistics applications.
- Designed and implemented backend systems for complex workflows including **DO Creation → Dispatch → Contract Assignment → Truck Assignment → Delivery → ePOD → Freight Reconciliation**, reducing manual operations and improving **operational efficiency by ~30%**.
- Built **real-time communication features using Socket.io**, enabling live status updates and bidding across concurrent user sessions with reliable synchronization.
- Implemented **JWT-based authentication and Role-Based Access Control (RBAC)** to secure multi-role applications (admin, buyer, seller, operations).
- Optimized MongoDB queries through indexing and query refactoring, achieving **~25% reduction in average API response time**.
- Resolved **VAPT security findings**, strengthening API security, validation, and authorization checks.
- Collaborated closely with **Product, QA, and DevOps teams** in Agile sprints to ensure timely, high-quality releases.
- **Promoted twice within two years** based on consistent ownership of critical modules, backend reliability improvements, and full-stack delivery.

TECHNICAL PROJECTS

Tata Hitachi – Track & Trace System | *React.js, Node.js, MongoDB, Socket.io, Google Maps API*

- Developed a **multi-role logistics tracking platform** with real-time vehicle tracking and operational status updates.
- Integrated **Google Maps API** for route visualization and location-based insights.
- Built reusable React components and scalable backend services to support expanding logistics use cases

RFQ Management System (Live Bidding Platform) | *React, Node.js, MongoDB, Socket.io*

- Implemented **real-time bidding functionality using Socket.io**, enabling instant bid updates across multiple users.
- Designed buyer and seller workflows, improving **transaction speed by ~40%.**
- Ensured data consistency and reliability during concurrent bid submissions.

TECHNICAL SKILLS

Frontend Technologies: React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
Backend Technologies: Node.js, Express.js, RESTful APIs, JWT Authentication, Microservices
Databases: MongoDB, Mongoose, Schema Design, Indexing, Query Optimization
Cloud & DevOps: AWS (S3), Docker, Jenkins, Git, GitHub Actions, CI/CD
Real Time: Socket.io (WebSockets)
Tools & Methodologies: Git, GitHub, Postman, Aglie/Scrum, Performance Optimization, API Integration, Google Map API

EDUCATION

Dr. V. S. Krishna Govt Degree College   Vizag, India
Bachelor of Science in Chemistry | CGPA – 8.5   *2018 – 2021*