

Jeet Wasti

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SUMMARY

Software Engineer with **4 years** of experience building microservices using **Node.js and Express**. Improved team productivity by **20%** by optimizing workflows and reducing manual effort. Involved in planning, development, testing, and code review.

EXPERIENCE

Emicon Advisory Services LLP

Software Engineer

Punjab, India
Oct 2022 – Present

- **Microservices & Monolith Architecture:** Engineered and maintained over **100+** scalable backend modules—both microservices and monolithic—leveraging **TypeScript, Node.js, Express.js, and MongoDB**.
- **SCM Feature Development:** Developed a complete feature in Express.js to scan **50+** selected branches across 5 Supply Chain Management (SCM) systems, enabling efficient data retrieval and integration.
- **API Integration:** Collaborated closely with frontend developers to design and deliver **4+** microservice sub-modules, enabling smooth integration with React features used by **10,000+** users.
- **Authentication Microservices Development:** Led the design and implementation of secure microservices for authentication and authorization. Utilized OAuth 2.0 and JWT token Authentication.
- **Random Search Optimization:** Implemented the **Random Search** feature using **Elasticsearch** for fast querying and **Kafka** for asynchronous data streaming, resulting in a **90% reduction in data latency** and an **85% improvement in search efficiency**.
- **Code Quality & Best Practices:** Conducted code reviews and testing to ensure high-quality code and minimize technical debt by **25%**.

Emicon Advisory Services LLP

Software Engineer Trainee

Punjab, India
Aug 2021 – Oct 2022

- Followed **SDLC** to architect and develop **5+** scalable microservices with **REST API** integration and efficient **ORM**-based database access.
- Automated deployment pipelines reducing release time by **50%** across multiple services, leveraging **Node.js, Express.js, AWS Elastic Beanstalk, EKS, Jenkins, and Docker**.
- Implemented **AWS SNS** for decoupled communication across multiple **microservices**, reducing message latency by **30%** and improving alert delivery speed.

PROJECTS

Third-party Channel Governance Tool – Live Project

Emerson

Sep 2023 – Present

- Built a third-party channel partner platform for **Emerson**, enabling **50+** business owners to manage annual targets, track performance of **200+** partners, and assign year-end ratings across **10+** global regions and business units.
- Responsible **RBAC-based authentication middleware**, securing access for **3+** distinct user roles (admin, business owner, partner), enhancing system security.
- Designed a **microservice-based** evaluation system to assess **3rd-party sales channels** across **4 KPIs** (Financial, Organizational, Systems, Final Control).
- Enabled year-end validation by comparing initial goals with final outcomes across **200+ third-party partner** records for performance assessment.
- Automated BU and partner onboarding process by integrating **Kafka-based streaming**, ensuring real-time, consistent updates across distributed services, and cutting manual processing by **90%**.

Airbnb Hotel Backend

JavaScript | Microservices | Kafka | Razor Pay

- Architected a scalable hotel booking system as a self-initiated project using Node.js and microservices, simulating real-world workflows across **5 domains (User, Booking, Payment, Hotel, Admin)**.
- Used **Apache Kafka** for real-time, decoupled service communication in a booking system, supporting **10K+** simulated events/month between booking and payment flows.
- Leveraged Custom search engine using **Elasticsearch** in a personal booking system, with **fuzzy, typo-tolerant filtering** across **1,000+** hotel and room records.
- Applied **Object-Oriented Programming (OOP)** and **SOLID design principles** to ensure clean, maintainable, and extensible service codebases.

SKILLS

Programming Language & Frameworks: TypeScript, JavaScript (ES6+), Python, SQL, NoSQL, PowerShell, Terraform, HTML5, CSS.

Tools & Frameworks: Node.js, Express.js, React, Jest, Kafka, RabbitMQ, PM2, EJS, Git, Jenkins, Kubernetes, Docker, ServiceNow, Postman.

Databases: MongoDB, PostgreSQL, Supabase, MongoDB Atlas, Oracle Database.

Cloud & DevOps Tools: Amazon Web Services, AWS Beanstalk, S3, EC2, EKS, SNS, AWS Ingress, CloudFormation.

Version Controlling and Collaboration: GitHub, Azure DevOps Agile Task board.

Core Skills: Data Structures & Algorithms, OOPs, System Design, SOLID Principles, Agile Methodology.

EDUCATION

Lovely Professional University, Punjab

Master of Computer Application

Punjab, India

2020 – 2022