

# Pratham Meghani

8302604338 | prathammeghani19@gmail.com | [www.linkedin.com/pratham-meghani/](http://www.linkedin.com/pratham-meghani/)

## TECHNICAL SKILLS

---

**Languages:** Java, Javascript

**Frameworks:** Spring Boot , Node.js

**Databases:** MongoDB, Elasticsearch, mysql

**Alerting / Monitoring Tools:** Grafana, Newrelic, Prometheus , Sensu

**Other Skills:** Kafka , Docker, Kubernetes, Nginx , Zookeeper , Jenkins , Ansible

## EXPERIENCE

---

### Member Of Technical Staff

Aug. 2023 – Present

*Vymo Technologies*

*Bengaluru, India*

- Developed a high-performance search feature utilizing **Elasticsearch**, incorporating autocomplete and advanced search functionalities. Engineered a custom tokenizer and analyzer, enabling the feature to efficiently handle **20,000 RPM (requests per minute)**.
- I independently led the upgrade of **MongoDB** servers from version 4.2 to 5.0, successfully upgrading more than **five microservices**. This significant transition also involved updating the Mongoose libraries to ensure compatibility and optimize performance.
- Addressed and resolved the issue of exceeding **inactive MongoDB connections**, which was causing significant performance degradation. I applied MongoDB **connection pool management** techniques to optimize and stabilize the system."
- Led the seamless upgrade of **Express to version 4.17**, successfully updating over 3,000 APIs without causing any disruptions. The careful approach ensured that all APIs remained fully functional throughout the transition.
- Implemented a **consistent hashing algorithm** in virtual machines to optimize infrastructure costs for the data dissemination platform. This initiative significantly reduced expenses and earned me the 'Bar Raiser' award in recognition of my efforts.
- Resolved over **100 bugs** within a six-month period while serving as the on-call engineer for a critical microservice in the Vymo Lead Management System. Actively participated in war rooms during P0 incidents, swiftly addressing and resolving issues in minimal time
- Implemented monitoring for each code block and function to identify APIs with response times exceeding 7 seconds. Utilizing **New Relic's segmentation** approach, I identified root causes and optimized performance, ultimately improving response times and preserving client SLAs.
- Implemented a data pipeline to efficiently route data into **Elasticsearch** via **Kafka** in parallel, significantly reducing server load. This approach not only enhanced system efficiency but also served as a failover strategy.

### SWE Intern

Feb. 2023 – Aug .2023

*Vymo Technologies*

*Bengaluru, India*

- Resolved on-call **Kafka** issues such as lag and slow performance by optimizing microservice workflows and performing service restarts
- Mitigated challenges with **Elastic search query reindexing** and improved Kafka performance to ensure system stability
- Led an extensive **unit testing** initiative for over 200 functions within a microservice, utilizing tools such as Proxyquire, Sinon, Chai, Mocha, and Promise-as-Chai for thorough code testing
- Added the health check API endpoints for **Elastic search** and **MYSQL**. Conditions include successful connection established and CRUD operations for SQL and successful index creation and updation in ES.

## EDUCATION

---

**Rajasthan Technical University**

Kota , Rajasthan, India

*B.Tech in Electronics and communication*

*2019 – 2023*

## Recognitions

---

- Bar the raiser award for year 2023 among team of 25 developers
- Awarded as best on call issues resolver by the manager as i resolved more than 100 bugs in period of 6 month