# Vikramjeet Singh

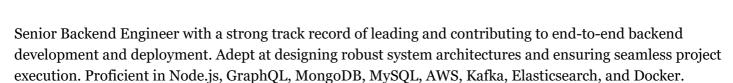
# Senior Backend Engineer

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# Technical Profile

- Programming Languages: Node.js, Express, Javascript
- Databases: MongoDB, MySQL, Elasticsearch, Redis
- Cloud Services: AWS (EC2, RDS, S3, Kinesis), AWS Cognito, AWS SQS, AWS cloudwatch
- Messaging: Kafka, RabbitMq
- Containerization: Docker
- Web Technologies: GraphQL
- Payment Gateway: Stripe, Razorpay
- Other: Logstash, Filebeat, Graphql, Microservices
- **Notable Achievements:** Managed 30 million records, optimized Database for efficiency, reduced AWS costs.

# Work History

## 2023-02 - Current Senior Backend Engineer

DarioHealth, Gurgaon

- Successfully managed a database containing **30 million** records, implementing strategic optimizations to enhance database performance
- Significantly reduced query read times by 50%, leading to more efficient data retrieval and analysis
- Successfully redesigned and decoupled critical services within system architecture, including Alarm Service, OTP Service, and Email Service, by integrating Kafka, distributed event streaming platform
- Integrated AWS Cognito for enhanced user authentication and authorization, improving security and user management
- Utilized AWS services such as EC2, RDS, S3, and Kinesis for data storage, processing, and hosting of IoT application.

## 2021-11 - 2023-02 Senior Backend Developer

#### Noumena

- By implementing Elasticsearch, significantly accelerated search retrieval, achieving a
  3x improvement in search speed, resulting in a more efficient and responsive user
  experience
- Led the development of the Calendar Microservice, optimizing scheduling and calendar-related functionalities
- · Integrated Logstash and Filebeat for efficient log data collection and processing
- Utilized AWS Simple Queue Service (SQS) for seamless asynchronous event-driven updates to databases, enhancing data consistency.

### 2019-06 - 2021-11 Backend Developer

Recrosoft, Bengaluru

- Developed and launched "MusicPandit," educational platform for offline music courses, providing access to music education
- Designed and managed discussion forum within MusicPandit, fostering interactive community for students and instructors
- Organized and managed offline music course materials for easy access and navigation
- Integrated **Razorpay** for user subscriptions to access content.

## 2017-08 - 2019-05 Backend Developer

Bridging Healthcare Technologies, Chandigarh

- Implemented microservices architecture to enhance scalability, flexibility, and maintainability of the system
- Integrated Stripe payment gateway for seamless recurring payment deductions.

## **Education**

## 2013-08 - 2017-08 B.E: Computer Science

Thapar University - Patiala, Punjab