

# MATHSA VIGN DINESH

◊ +91 9490417476 ◊ Hyderabad

◊ [dineshmathsa@gmail.com](mailto:dineshmathsa@gmail.com) ◊ <https://www.linkedin.com/in/dinesh-mathsa-305759199>

## SUMMARY

---

I am a MEAN stack developer with 3 years of experience, specializing in building scalable web applications using MongoDB, Express.js, Angular, and Node.js. I am passionate about continuous learning, thrive in team-oriented environments, and excel at delivering high-quality solutions under tight deadlines.

## EDUCATION

---

### Bachelors of Technology in Computer Science

Raghu Engineering College

2018 - 2022

CGPA : 8.73

### INTERMEDIATE

Ascent Junior College

2016 - 2018

PERCENTAGE : 91%

### 10th

Vishaka Valley School [CBSE]

2016

CGPA : 9.4

## EXPERIENCE

---

### Software Development Engineer Akrivia HCM

- June 2022 - Present Hyderabad , Contributed to the development of an HRMS application utilizing both microservices and traditional server architectures..
- Improved mobile app performance by 50% through the development of efficient GraphQL APIs for data retrieval and manipulation.
- Optimized database queries for better performance, including the implementation of indexing strategies.
- Serving as team lead since May 2024, guiding the team in project planning and task delegation to ensure timely delivery of high-quality software solutions.
- Overseeing **code reviews**, promoting adherence to coding standards, and ensuring robust, maintainable, and scalable codebases.
- Coordinating with **DevOps** teams and other team managers to streamline workflows, enhance **database architecture**, and drive seamless feature development.
- Used **Jenkins** to monitor build and deployment pipelines, ensuring successful completion of automated processes and identifying issues during deployment.
- Monitored **Grafana** and **Kubernetes logs** in staging and production environments to identify performance bottlenecks and debug issues, and ensure application stability.
- Designed and implemented multitenant architectures using MySQL, enabling efficient data segregation and scalability for applications serving multiple clients for modules like nexus, workflows.
- Implemented secure token-based authentication mechanisms (JWT, OAuth) for user verification, enhancing application security and access control.

### Software Development Engineer Intern Akrivia HCM

- Developed innovative features for the existing product using Angular, Express, and SQL, enhancing functionality and user experience. November 2021 - June 2022 Visakhapatnam
- Developed probation module with a dedicated team member to efficiently track and manage employee hours and workload.
- Enhanced module performance by 30% through optimized REST API design and implementation. This optimization resulted in more efficient data handling and reduced response times.
- Designed and implemented comprehensive unit tests using tools like **Jest**, ensuring code reliability and reducing bugs by **30%** during production.
- Developed and optimized **database triggers** and **stored procedures**, automating repetitive tasks and enhancing data consistency across the application.

- Utilized **Postman** for creating and executing automated test suites, ensuring the reliability and performance of REST, UNIT testing and GraphQL APIs across diverse scenarios for modules like Offboarding, Rewards
- Implemented multitenancy in MySQL for scalable client data segregation and single-tenancy in MongoDB for secure, isolated datamodels.
- Executed seamless database migrations using tools like Knex.js, ensuring data integrity and smooth transitions during schema updates.

## TECHNICAL SKILLS

---

**Front End** : HTML, CSS, Bootstrap, Angular.

**Back End** : Node.js, Express.js, NestJS, Python.

**API**: REST, GraphQL.

**Database** : MySQL, MongoDB.

**Programming Languages** : JavaScript, TypeScript, Python

**AWS Services**: Lambda,S3

---