Nivika Malhotra

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Profile

Experienced developer proficient in **Node.js**, **Express.js**, and **database management** with **MySQL** and **DynamoDB**. Skilled in implementing **microservices architecture** and integrating **AWS Cognito**. Committed to delivering scalable, high-quality solutions while continuously learning and adapting to new backend technologies.



Work experience

02/2024 – 01/2025 Hyderabad, Telangana

Software engineer Tachyon IT Solutions Pvt Ltd

Spearheaded the development of the "Simpplr" client project as a Software Engineer. Worked with a tech stack including Node.js, PostgreSQL, Kafka, AWS, Redis, S3, and Jenkins to build scalable backend solutions.

Handled Kafka events throughout the project lifecycle for seamless inter-service communication.

Optimized API response times by implementing RLS policies, improving latency and data access control.

Managed daily backend tasks, including developing **REST APIs**, query optimization, and performance tuning.

06/2023 - 11/2023 Noida, UP

Senior software engineer Umety (previously known as Veative Labs)

Worked with technologies like Node.js, Express.js, gRPC, MySQL, DynamoDB, AWS, OAuth, and JWT.

Implemented inter-service communication using gRPC and Express, enabling seamless microservice interactions.

Developed **cross-device login** using **QR codes** and **short codes**, ensuring secure authentication across platforms via **socket**.

Integrated third-party login providers (Google, Apple, Facebook, Twitter) with AWS Cognito for streamlined user authentication.

Configured **Cognito** with multiple user pools to support **multi-tenant** architecture. Managed **NoSQL data** with **DynamoDB**, handled notifications using **SNS**, email communications via **SES**, and custom flows with **Lambda functions**.

Actively participated in **database design** and contributed to **architectural decisions** for system scalability and performance.

03/2021 - 05/2023 Noida, UP

Software engineer Veative Labs

Worked with Node.js, Express.js, and MySQL to develop high-performance RESTful APIs, enabling seamless communication between application components.

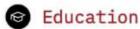
Implemented a microservice's architecture, improving system modularity and reducing inter-component dependencies.

Integrated third-party libraries and services, optimizing performance and enhancing the user experience.

Collaborated with the product team on story grooming and defining acceptance criteria.

Developed backend **boilerplate code** and REST APIs for smooth integration with backend services, improving overall user experience.

Gained hands-on experience with **Node.js** server features, enhancing the efficiency of data exchange between the app and the database.



2019 - 2021 Ghaziabad, India

Master of Computer Application | MCA **IPEM**

Completed my Master's in Computer Applications (MCA), gaining in-depth knowledge of software development, database management, and system architecture, with hands-on experience in advanced technologies.

2016 - 2019 Ghaziabad, India

Bachelor of Computer Application | BCA

Completed my Bachelor's in Computer Applications (BCA), developing a strong foundation in programming, web technologies, and problem-solving, preparing me for real-world software development challenges.



Skills

PROGRAMMING LANGUAGES NodeJs Full

JavaScript Full

TypeScript Full

FRAMEWORKS

Express.js Full

Nest.js Limited

DATABASES

MySQL/SQL Professional

PostgreSQL Professional DynamoDB Limited

Redis

Professional

CLOUD SERVICES

AWS S3 Professional **AWS Cognito** Professional

AWS API Gateway Professional

AWS SES/SNS Full

AWS Lambda Elementary

MESSAGING & APIS

Kafka Full

RabbitMQ **Native**

gRPC Full

Axios

Professional

REST API Professional TWL

Professional

Code) Full

OAuth (Google, QR/Short

Strengths

Problem-Solving Team Collaboration Quick & Smart Learner Adaptability

Performance Optimization Cloud Services & AWS Backend Development & API Design