VISHAL SINGH

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PROFESSIONAL SUMMARY

Software Developer with 4.5 years of experience in backend development, microservices, and AWS services. Committed to delivering robust, scalable systems and thriving in collaborative team environments.

WORK EXPERIENCE

Sr. Backend Engineer
Momentsnap India Pvt. Ltd.   (*April 2023 – Present*)

- Designed and developed scalable APIs using **Node.js** with the **Serverless framework**.
- Built and managed backend services using **AWS Lambda**, enabling cost-efficient, event-driven architecture.
- Integrated **AWS Athena** for serverless querying and analytics on large-scale datasets.
- Managed data storage and retrieval using **AWS DynamoDB**, ensuring low-latency and high-throughput access patterns.
- Collaborated with cross-functional teams to optimize backend architecture for performance and scalability.

Technologies: Node.js, AWS Lambda, DynamoDB, Athena, S3, EC2, Serverless Framework, AWS Cognito

SDE - 1
Locofast Online Services Pvt. Ltd.   (*Sep 2022 – Mar 2023*)

- Built scalable backend systems using NestJS and Microservices.
- Maintained APIs with AWS Lambda for multi-system integration.
- Designed Lambda service for PDF generation.
- Implemented notification systems, including WhatsApp notifications.

Technologies: NestJS, MySQL, AWS, Redis

Node.js Developer
Belong | Ingenious Faces   (*Sep 2021 – Sep 2022*)

- Maintained backend systems for secure, efficient web operations.
- Integrated AWS Cognito, SES, S3 for user and email management.
- Developed role-based access panels.
- Upgraded and maintained APIs.

Technologies: Node.js, MongoDB, AWS

Jr. Associate IT
Unthinkable Solutions   (*Jul 2020 – Aug 2021*)

- Created and managed APIs in healthcare projects.
- Implemented ElasticSearch for optimized search logic.
- Integrated EHR systems and secure Google Cloud services.

Technologies: Node.js, MongoDB, SQL, ElasticSearch, GCP, Chai, Mocha, Google KMS

EDUCATION

B.Tech. in Computer Science Engineering
G. B. Pant Govt. Engineering College, New Delhi   (*2016 – 2020*)

Senior Secondary (XII)
Vinay Nagar Bengali Sr. Sec. School   (*2014 – 2015*)

TECHNICAL SKILLS

- **Languages/Frameworks:** Node.js, NestJS, Serverless, JavaScript, TypeScript
- **Databases:** DynamoDB, MySQL, MongoDB, Elasticsearch
- **Tools/Platforms:** AWS, Redis, Git, Chai, Mocha

PROJECTS

ShiftOne
Frontline Engaging Platform
- Developed APIs and Event driven functions in AWS lambda

Locofast (locofast.com)
Fabric Sourcing Platform

- Developed APIs to support key functionalities such as placing fabric requests and managing orders.

Belong (belong.education) *E-Learning Platform*

VivoDoc (vivodoc.com) *Healthcare Portal*

FireLab (firelabinc.com) *Fire Inspection Portal*

CERTIFICATIONS

Full Stack Web Development with Node.js — *Jan 2019 – Apr 2019*