

# Naman Vashistha (Backend)

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## EXPERIENCE ( 4+ years )

### Marrow

#### Backend SDE-2

July 2022 – Present

Bengaluru

- Architected and led AI-powered predictive maintenance and analytics systems, reducing downtime by 35% and saving \$2.5M annually.
- Spearheaded microservices adoption with Docker/Kubernetes, improving scalability by 50% and cutting deployment time by 40%.
- Mentored and upskilled 12+ developers, establishing code review and testing practices that boosted code quality and reduced bugs by 45%.
- Designed real-time data pipelines (Kafka, PySpark) processing 1TB/day, increasing analysis speed by 300% and reducing API latency by 60%.
- Led cloud migrations and ML initiatives, achieving 99.99% uptime, 40% cost savings, and \$1M+ in new revenue through predictive models.

### Creesync Technologies

#### Backend SDE-1

Feb 2021 – July 2022

Gurugram

- \*\*Farcommerce\*\*: Architected an ecommerce platform with GraphQL APIs.
- Enabled multitenancy for diverse client use cases (BoAt, Wow Skin, etc).
- Built and deployed CI/CD pipelines with Docker and Kubernetes.
- \*\*MamaEarth\*\*: Transitioned systems to headless architecture for mobile apps.
- Integrated Payment Gateways and optimized API response times using AWS Lambda.
- Migrated infrastructure with zero downtime.

## PROJECTS

### LimeDB

- Built a horizontally scalable distributed database using Go with peer-to-peer topology.
- Implemented consistent hashing with virtual nodes for optimal load distribution.
- Designed gossip protocol for node discovery, failure detection, and cluster membership.
- Achieved 15K+ concurrent requests handling with FastHTTP and PostgreSQL backend.
- Automated multi-platform releases with Docker images and semantic versioning via GitHub Actions.

### Real-time Multiplayer Chess

- Built a scalable backend using Go with WebSockets for real-time communication.
- Designed a PostgreSQL schema to handle game states and player data efficiently.
- Implemented matchmaking, move validation, and reconnection logic.

## EDUCATION

### Jaypee Institute of Information Technology

#### Bachelor of Technology

2017 – 2021

Noida, IN

## SKILLS

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**Languages** : Python, Go, C/C++, JS, PHP

**Backend** : Django, Flask, NodeJS, GraphQL, Laravel, AWS Lambdas, microservices

**Databases** : MongoDB, MySQL, Postgres

**Tools** : GIT, Docker, SSH client, bash, zsh

**DevOps** : Kubernetes, GitHub Actions, AWS (EC2, S3, etc)

**Frontend** : Flutter, React, CSS3, Bootstrap, HTML5