

# Ashish Kumar

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## SUMMARY

Full Stack Developer with hands-on experience in backend technologies such as Node.js, Next.js, MySQL, and Docker, committed to delivering scalable solutions and pursuing continuous professional growth in software engineering.

## WORK EXPERIENCE

### Software Engineer Intern

May 2025 – Present | Remote

Hortiprise (VA Agro Farm)

- Designed and deployed RESTful APIs with Next.js and TypeScript to enable reliable CRUD operations across multiple modules with clean, maintainable architecture.
- Designed and structured MySQL schemas using Prisma ORM to optimize query performance and ensure scalable data modeling, reducing database complexity and improving efficiency.
- Managed the staging environment on Google Cloud Platform, overseeing deployments, migrations, and configuration, ensuring **99%** deployment success rate and smoother release cycles.
- Integrated subscription billing with Razorpay by developing complete payment workflows, including webhook handling and transaction lifecycle management, enabling automated billing and reducing manual payment tracking.
- Implemented an end-to-end observability stack using Grafana, Prometheus, and Loki to centralize metrics and logs, cutting production issue diagnosis time by over **40%**.

## PROJECTS

### WebLift

Jan 2025 – Mar 2025

Tech Stack: Node.js, Postgres, AWS EC2, SSM, Redis, NGINX

- Developed a platform to deploy and host web applications with support for multiple frameworks (Node.js, React, Next.js, etc.), featuring automatic provisioning of isolated AWS EC2 environments per project, standardized port allocation, and dynamic NGINX configuration for traffic routing via custom subdomains.
- Enabled real-time log streaming from backend to frontend using Redis Pub/Sub and Socket.io, allowing users to monitor build and deployment logs through an interactive UI.

### DesiRacingCo

Sep 2023 – Feb 2024

Tech Stack: Node.js, MongoDB, JavaScript, Tailwind, AWS

- Built a motorsport media platform tailored for Indian audiences, featuring article publishing, news aggregation, and user-submitted content; achieved **600+** weekly unique visitors.
- Implemented a robust contribution and editorial review system where submitted articles undergo moderation and validation by admins to ensure factual accuracy and high-quality content.

## TECHNICAL SKILLS

**Languages** – JavaScript, TypeScript, SQL, Python

**Technologies/Frameworks** – Node.js, Express.js, React, Next.js, FastAPI, Tailwind, Git, Nginx

**Cloud/Devops** – AWS, Docker, K8s, Grafana, Prometheus

**Databases** – MongoDB, Postgres, MySQL, Redis

**Concepts** – OOP, REST APIs, MVC Architecture, Pub/Sub, Webhooks

## EDUCATION

### B.Tech in Computer Science and Engineering

2021 – 2025 | Bhopal, India

Vellore Institute of Technology, Bhopal

### Higher Secondary School

2021 | Indore, India

RVM School

## CERTIFICATIONS

**AWS Certified Solutions Architect- Associate (SAA- C03)** 

Issued on Feb 2024

**AWS Certified Cloud Practitioner- Foundational (CLF- C02)** 

Issued on Dec 2023