

Kaushal Kishor Sharma

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY JABALPUR

BACHELOR IN COMPUTER SCIENCE & ENGINEERING
Grad. May 2021 | Jabalpur
CGPA: 7.7/10

KENDRIYA VIDYALAYA

SENIOR SECONDARY
Grad. 2016 | Varanasi
Class XII CBSE(2016)
PCM(Score: 94.2 %)
Class X CBSE(2014)
(CGPA: 10/10)

LINKS

GitHub:// [kaushalateka](#)
LinkedIn:// [kaushal-kishor-sharma](#)
Portfolio:// [kaushal-sharma](#)
Leetcode:// [sharmakaushal](#)
Codechef:// [sharmakaushal](#)

SKILLS

LANGUAGES

Python • Go • Java • C++
SQL • Shell Scripting

FRAMEWORKS

Gin • Flask • FastAPI • Apache Beam

DATABASES/ WAREHOUSES

MySQL • PostgreSQL • DynamoDB
BigQuery • Redshift • Firebase
Redis

TOOLS

Docker • Kubernetes • Apache Kafka
CloudFront • CI/CD • Github Actions

CLOUD

AWS • GCP

COURSES

Development with Golang
Data Structures & Algorithms
Python Advanced
Data Science
Web Development

EXPERIENCE

EKA.CARE | SOFTWARE ENGINEER 2, TECH PLATFORMS

January 2023 – Present | Bangalore

- Designed and scaled a high-throughput messaging platform supporting **1M+ daily notifications**, achieving 99.9% system availability.
- Built a secure webhook system enabling **real-time data delivery** for 50+ clients, leveraging symmetric encryption for data security.
- Developed URL minification service replacing Branch, handling **60K+ daily requests** with deep and deferred linking capabilities.
- Enhanced WhatsApp notification infrastructure by migrating from on-premise to Cloud APIs, improving throughput by **200%**.
- Built partner integration APIs with custom middleware for request validation and authorization. Maintained public documentation at [developer.eka.care](#)
- Developed robust Telemedicine APIs supporting **100+ daily consultations** using Go microservices architecture.
- Optimized AWS costs by **35%** by replacing Kinesis streams with Kafka-based architecture integrated with AWS Lambda.
- Integrated JWT-secured APIs with Superset, improving reporting efficiency for internal stakeholders.
- Migrated entire data workload from AWS to GCP, achieving **25% cost reduction** and higher throughput.
- Tech:** Go, Python, FastAPI, Kafka, Redis, MySQL, DynamoDB, Docker, CloudFront, Lambda, Cloud Functions, Firebase

IBM | SOFTWARE ENGINEER, MQ

June 2021 – January 2023 | Bangalore

- Contributed to WebSphere MQ team, focusing on high-availability architecture, resulting in **20% reduction** in message transmission latency.
- Designed and implemented Java programs to handle **1K+ transaction messages per second** across applications and cloud platforms.
- Tech:** Java, WebSphere MQ, Docker, Python, IBM Cloud

PROJECTS

CHOTIPARCHI - VOICE2RX ON WHATSAPP | TEAM CAPTAIN

Winner of Ekathon 2025 - Developed a voice-enabled prescription generation system streamlining doctor-patient interactions. Enables doctors to generate prescriptions through WhatsApp voice messages.

Tech: Python, FastAPI, AWS Lambda

ELECTRICITY LOAD FORECASTING | INTERN

Built ML-based web application to forecast electricity demand across Madhya Pradesh, enabling efficient energy distribution planning.

Tech: Django, PostgreSQL, Machine Learning

ACHIEVEMENTS

2025	1st Place	Ekathon 2025 (Eka.Care × AWS Hackathon)
2019	All India Rank 29	National Creativity Aptitude Test
2017	All India Rank 13,336	JEE Advanced
2017	All India Rank 14,908	JEE Mains
2016	Top 2 Percentile	CBSE Senior Secondary
2014	Top 1 Percentile	CBSE Secondary