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
Cloud Front • 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, TECH PLATFORMS
January 2023 – Present | Bangalore
- Designed and scaled a high-throughput messaging platform supporting over **1M daily user notifications**, achieving 99.9% system availability.
- Built a secure webhook system enabling **real-time data delivery** for 20+ clients, leveraging symmetric encryption to ensure data security.
- Built a URL minification service replacing Branch, handling **60K+ daily requests** across app/web links, deep and deferred linking—boosted reliability.
- Enhanced the WhatsApp notification infrastructure by migrating from on-premise to Cloud APIs, improving throughput by **200%**.
- Built APIs for partner integrations with custom middleware for request validation/authentication. Maintained public docs at developer.eka.care
- Developed robust Telemedicine APIs supporting **100+ daily consultations**, using Golang and microservices for high availability.
- Optimized AWS costs by **35%** by replacing Kinesis streams with a 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 the WebSphere MQ team, focusing on high-availability architecture, resulting in a **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 that streamlines doctor-patient interactions. The solution enables doctors to generate prescriptions through WhatsApp voice/audio.
Tech: Python, FastAPI, AWS Lambda

ELECTRICITY LOAD FORECASTING | INTERN
Built an ML-based web app to forecast electricity demand across Madhya Pradesh, aiding efficient energy distribution.
Tech: Django, PostgreSQL, Machine Learning

ACHIEVEMENTS

Year	Rank/Place	Event
2025	First Place	Ekathon 2025 (Eka.Care X AWS Hackathon)
2019	All India Rank 29	National Creativity Aptitude Test
2017	All India Rank 13336	JEE Advanced
2017	All India Rank 14908	JEE Mains
2016	Top 2 percentile	CBSE Senior Secondary
2014	Top 1 percentile	CBSE Secondary