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 and control.
- Enhanced the WhatsApp notification infrastructure by migrating from on-premise to Cloud APIs, improving throughput by **200%**.
- Exposed APIs for external partners to integrate with our services and wrote custom middleware to **validate and authenticate incoming requests**. Authored and maintained public developer documentation 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

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

STAYSAFE WILDLIFE DETECTION | Developer
Created an Android app for real-time wild animal detection via video feeds, enhancing on-campus safety.
Tech: Android, Machine Learning

ACHIEVEMENTS

Year	Rank	Exam
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