






Sumit Kumar

 [LinkedIn](#) |  +91-9164072306 |  sumitfeb02@gmail.com |  [GitHub](#) |  Bangalore, India

Technical Skills

- **Programming Languages:** Golang, Python, Java
- **Technologies and Tools:** Docker, Kubernetes, Kafka, Django, Elasticsearch, PostgreSQL, MySQL, Redis, gRPC, Spring Boot
- **Cloud Platforms & Services:** AWS Lambda, Google BigQuery, Microsoft Azure Virtual Machine, AWS EC2, AWS S3, AWS Managed Kafka, Amazon Athena, AWS SQS, Google Kubernetes Engine, AWS DynamoDB, AWS Glue

Work Experience

Senior Software Engineer - II **Infra.Market** (unicorn startup, B2B e-commerce) **04/2023 - Present**

- Led the design and development of 5+ microservices using event-driven architecture, leveraging technologies like Golang, Kafka, Redis, PostgreSQL, gRPC, Python, and various AWS services, driving revenues exceeding Rs. 4,000 crores annually
- Headed a development team of 6 responsible for orchestrating the entire order lifecycle and supply chain, including cart creation, payment processing, invoice generation, shipments division, warehouse allocation, and last-mile delivery
- Coordinated the dockerization and migration of 25+ microservices to a Kubernetes cluster on AWS, transitioning from a monolithic system, which enhanced availability, scalability, and cost-efficiency of the tech infrastructure

Senior Software Engineer - I **Infra.Market** (unicorn startup, B2B e-commerce) **07/2021 - 03/2023**

- Contributed to the company's 0 to 1 phase by architecting a scalable order management system, utilizing Domain-Driven Design (DDD) principles to handle concurrent transactions and ensure resilience in an event-driven framework
- Collaborated in the integration of Microsoft Dynamics 365 (ERP system) hosted on Azure Cloud with internal applications hosted on AWS, implementing over 15 pipelines to guarantee efficient asynchronous data movement
- Developed Kafka and gRPC wrappers and exposed them through a library for seamless code integration, enabling automatic message retries, batch polling, and request tracing across microservices, reducing duplicate code in services by 90%

Full Stack Developer **GALE Partners** (Ad Tech startup) **01/2019 - 06/2021**

- Migrated a single-tenant data pipeline to a multi-tenant architecture, ultimately scaling it to handle over 5 terabytes of data daily
- Leveraged AWS serverless architecture to retrieve ad performance data from platforms such as Facebook, Google, and Instagram, using their API integrations, resulting in a reduction of manual effort by over 2000 man-hours per month
- Revamped the backend codebase, utilizing ORM to eliminate under/over-fetching of data from the database and achieving a substantial 30% boost in API response time and reduced CPU usage on the database significantly

Projects

R.V.C.E Solar Car Team ([Wikipedia](#)) **12/2015 - 01/2019**

- Co-led a team of 40 to [represent India](#) in the "[World Solar Challenge](#) 2017, Australia", a 3000 km Solar EV Race that involved competing with teams from top universities globally, including MIT, Stanford, Michigan and Cambridge
- Collaborated with IBM Blue mix cloud team to integrate a machine learning model that collected critical vehicle parameters through various sensors and predicted the optimal vehicle speed to maximize EV range

Digital Asset Management System ([GitHub](#)) **01/2019 - 06/2019**

- Designed and developed an application using **Django** and **ReactJS** to assist social media content creators in storing, organizing, and sharing digital assets, including images, videos, and audio clips
- Implemented **Elasticsearch multiple indexing feature**, enabling complex metadata-based search use cases for digital assets

Education

Bachelor of Engineering (CGPA: 8.6 / 10) **R.V College of Engineering** *Bangalore, India* **2015 - 2019**

Achievements

- Acquired certification of [AWS Solution Architect Professional](#) and [AWS Developer Associate](#)
- Have won multiple [Hackathons](#) at College and Organizational level
- Secured 1st position and won 1.5 lakh rupees cash prize in National Level Exhibition at Ambedkar Institute of Technology, Bangalore