

RAHUL KUMAR

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EDUCATION

Indian Institute Of Technology, Kharagpur, West Bengal, India

Jul. 2014 - Jul. 2019

Course : Dual Degree BTech+MTech from Department of Chemical Engineering

Delhi Public School, Bokaro Steel City, Jharkhand, India

Apr. 2000 - Apr. 2014

Course : All India CBSE Board Class XII in Science and Technology (10 CGPA)

WORK EXPERIENCE

Mirage Reality Labs - Founder, Bengaluru

Apr. 2025 - Current.

Skills: Desktop app, Mobile apps, Front end website, business ownership

- Demonstrated end to end product ownership, execution discipline, and entrepreneurial initiative.
- Built and managed the entire studio: website, branding, game development, marketing, and publishing.
- Developed and released two games (Play Store + Itch.io) and also Published paid 3D game assets on Unity Asset Store.
- Hands on in design, Unity development, pipelines, asset creation, and post-launch updates.

LIFTOFF LLC - Software Consultant, Bengaluru

Oct. 2023 - Apr. 2025

Tech: Golang, Java, AWS, Kafka, Postgres

- Built a fully automated overnight loan-processing engine in Golang, picking and processing flagged pending loans without manual intervention stabilized processing for thousands of daily loan records.
- Developed a mass document-generation pipeline (5-10k PDFs/day) with parallel Go workers.
- Implemented a config driven orchestration layer enabling dynamic mapping of APIs and workflows for different clients without code changes.
- Delivered scalable backend components for digital mortgage pricing (Java + Go).

HALODOC - Senior Software Engineer(SDE 2), Bengaluru

Sep. 2022 - Aug. 2023

Owned backend design and development in the Medical Insurance vertical (Golang + Java).

- Designed and delivered a modular reimbursement claims engine with dynamic rule evaluation cutting processing latency from minutes to seconds.
- Delivered a high volume data ingestion service for partner onboarding (CSV/API, millions of records).
- Fixed Technical Debts by optimized performance with concurrency, caching, and DB tuning across insurance microservices.

SLICEIT CREDIT - Software Engineer, Bengaluru

Mar. 2022 - Sep. 2022

Worked on scalable backend systems and microservice architecture (Golang, Java, NodeJS):

- Introduced Kafka into a previously synchronous order-processing system, moving critical flows to async event driven architecture. This increased throughput by an estimated 2-3X and dramatically reduced peak time latency.
- Built the Early Repayment / Invoice Generation workflow, computing charges, generating early invoices, and enabling customers to pay proactively, reducing operational overhead.

GENERAL ELECTRIC - Software Engineering Specialist, Hyderabad

May. 2019 - Feb. 2022

Led efforts on data-centric backend tools with a focus on automation, security, and scalability:

- Built a fully autonomous PII/data cleanup system in Golang, running monthly via cron jobs and processing approx 100 GB/month (peak 752 GB), saving compliance teams hundreds of hours annually.
- Developed internal Kafka ingestion and query layers - Golang data ingestor for hot/cold storage into Postgres Cassandra and a Java query application enabling fast analytical lookups across large datasets.
- Created an AWS Secrets Management library used across multiple microservices, standardizing secure credential access.

Internship Experiences

GENERAL ELECTRIC (DIGITAL) Bangalore, Karnataka

May. 2018 - Jul. 2018

Created a cross platform application that automated data pipelines across multiple databases and transformed them into exportable formats laying groundwork for product catalog import/export logic in e-commerce systems.

ALIVE HOME TECHNOLOGIES Pvt. Ltd Kharagpur, West Bengal

Dec. 2016 - Jul. 2017

- Developed an IoT powered automation system with real-time control via a mobile app—similar to interactive storefront apps or embedded logic in e-commerce extensions.

Skill Set

Programming Languages: Golang, Java, NodeJs

AWS Technologies: S3, EC2, Postgres, AURORA, LAMBDA, EMR, SSM, Kinesis

Big Data Technologies: Apache Cassandra, Apache Kafka, SPARK, PostgreSQL, Hadoop

Logging/Debugging Tools: Elastic Search, Splunk, Kibana

Front End Technologies: AngularJS, Vue, HTML, CSS, JavaScript, Bootstrap

Other Technologies: Bash/sh Scripting, Github, AppDynamics, Jenkins, Splunk, Adobe Photoshop, Unity 3D, Electronjs

Languages: Hindi (mother tongue), English (reading, writing, and speaking)

Hobbies: Dance, Adventure Sports, Going to Gym