

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, Mobie apps, Front end website, bussiness 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