

Education

- **National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.14/10 July 2020 - May 2024
- **Sri Chaitanya, Vijayawada** Andhra Pradesh, India
Intermediate (MPC) ; CGPA: 9.94/10 July 2017 - May 2019
- **Vivekananda school, Malkipuram** Andhra Pradesh, India
10th standard ; CGPA: 10/10 July 2016 - May 2017

Experience

- **Rippling** On-site - Bengaluru, India
Software Engineer, Backend (Full-time) Jan 2026 – Present
 - Contributed to **multi-provider flight search** with request fan-out and response aggregation across **multiple providers**. Implemented filtering of **unbookable offers** with metrics and unit tests, improving booking reliability.
 - Refined **offer deduplication logic** by updating core-hash semantics (fare-basis-based grouping), increasing distinct valid offers (**353 → 390**) and improving separation of corporate vs. public fares.
 - Integrated **runtime configuration management** for business rules and search strategies with JSON-based configs and fallback defaults, reducing manual deployments and improving system resilience.
 - Resolved **production crash loops** by tuning feature-flag client initialization timeout (**5s → 15s**) and added **production metrics** to enhance observability.
- **Gameskraft Technologies Private Limited** On-site - Bangalore, India
Software Engineer (Full-time) July 2024 – Nov 2025
 - Analytics Reconciliation Microservice Platform**
 - Designed and developed a **Java 17 Spring Boot microservice** for automated **transaction reconciliation**, integrating RESTful APIs, external payment gateways via **OkHttp** with retry & timeout handling, and modular layers (Controller, Service, DTO, Exception).
 - Implemented robust **validation, error handling, and API documentation** using **Spring Validation**, custom validators, and **OpenAPI/Swagger**, ensuring high-quality client-facing integrations.
 - Enhanced **observability and reliability** by integrating **Spring Boot Actuator, Logstash-GELF**, and **Logback**, with code quality enforced through **Jacoco** coverage reports and **SonarQube** analysis.
 - AWS Lambda CI/CD Automation**
 - Engineered CI/CD pipelines for **AWS Lambda functions and layers** using **Python, Docker, ECR**, and **OIDC-based secure access**, enabling zero-downtime deployments with automated versioning and rollback.
 - Accelerated release cycles by **90%** through seamless integration with **Bitbucket and ECR**, introducing a review-driven change management process that enhanced reliability and developer productivity.
 - Centralized Script Execution Framework**
 - Designed a parameterized **Jenkins pipeline** for secure **multi-account (40+)** **script execution**, enforcing **input validation** (AWS account, ECR image, endpoints, S3 payloads) and **branch gating**.
 - Automated governance by integrating with **Jira APIs** to **create, validate, and transition approval tickets**, enforcing **review-driven change management**.
 - Enabled **containerized execution** with **Docker + AWS ECR, S3 artifact staging**, and **audit-ready log uploads**, applying **least-privilege credentialing** and **error handling**.
 - Distributed Logging & Observability**
 - Built a scalable **logging pipeline** with **Fluent Bit, Kafka, Fluentd, Graylog/OpenSearch**, and **S3** to enable **team-isolated observability** and long-term archival.
 - Implemented metadata-driven routing with **team, service, level** tags, fine-grained **Kafka topic partitioning**, and retention policies for secure, **RBAC-friendly access**.
 - Optimized ingestion with **Kafka (Strimzi, KRaft)**, **parallel Fluentd consumers**, and **zstd-compressed S3 storage**, applying **HPA/autoscaling**, retention, and **compliance (Object Lock)** controls.

- **Rakuten India Enterprise Private Limited** On-site - Bangalore, India
- *Technical Intern (Full-time)* *February 2024 – June 2024*
 - Built a **data integrity monitoring dashboard** spanning **100+ datasets**, architecting backend workflows with **MERN stack, SQL, and GCP BigQuery**, and integrating with **Looker** for automated anomaly detection and visualization.
 - Enhanced pipeline reliability by implementing **efficient query optimization**, schema validation, and version-controlled ETL processes, ensuring consistency across high-volume analytical workloads.

Skills

- **Languages:** C++, C, Java, Python.
- **Development:** Java (Spring Boot), Node.js, REST, OpenAPI/Swagger, Validation, Error Handling.
- **Version Control:** Git, GitHub, Bitbucket.
- **Cloud:** AWS, Amazon EKS, Kubernetes, CI/CD Pipelines, Jenkins, Helm Chart.
- **Tools:** Graylog, Kafka, Fluentd, OpenSearch, Grafana, InfluxDB.
- **Technical Expertise:** Data Structures and Algorithms, Object Oriented Programming, Competitive Programming.
- **Course Work:** Database Management System, Operating Systems, Computer Networks, System Designs

Coding Profiles

-  **CodeStudio:** Solved 500+ problems, Dominator(Expert) with 56,000+ EXP, contest rating : 2500+ (Master)
-  **GeeksforGeeks:** Solved 600+ problems, coding score 2000+ and contest rating 1700+.
-  **LeetCode:** Solved 300+ problems and contest rating 1790+.

Honors and Certifications

- **#RaiseTheBar Award:** Recognized at Gameskraft for delivering **innovative solutions, creative system design**, and strong **problem-solving** in building scalable, reliable, and high-performance backend platforms.
- **College Topper Badge:** Secured **Top 10 ranks** in Weekly Coding Contests @ CodeStudio (Coding Ninjas).
- **Global Rank 16:** Achieved in GeeksforGeeks Weekly Coding Contest–133.
- **Microsoft MTA Certification:** Certified in **HTML, CSS and JavaScript**.