

Goutham R

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EDUCATION

PES University

B.Tech in Computer Science

Bengaluru, Karnataka

June 2017 – May 2021

- **GPA:** 8.78/10.
- **Programming Coursework:** Data Structures and Algorithms, Operating Systems, DBMS, Computer Networks, Machine Learning.

EXPERIENCE

Walmart Global Tech India

Software Engineer 3

Jul 2021 – Present

Bengaluru, Karnataka

- Designed an End-to-End Ordering System for Walmart Store Remodels, achieving cost savings of approximately **\$27M** annually.
- Built a generic search framework to search by any column on any table in MSSQL Server.
- Implemented Auto Secret Rotation for MSSQL servers saving **15 days** of manual effort per team annually.
- Reduced approximately **10 minutes** of downtime per microservice annually by eliminating the need for application restarts during configuration and secret changes, ensuring continuous service availability.

Walmart Global Tech India

Software Engineer Intern

Jan 2021 – Jun 2021

Bengaluru, Karnataka

- Developed and optimized Apache Spark jobs for large-scale data processing on Google Cloud Dataproc clusters.
- Collaborated with cross-functional teams to implement ETL workflows for business-critical analytics.

Fluxgen Engineering Technologies

Software Engineer Intern

Jul 2020 – Sep 2020

Bengaluru, Karnataka

- Designed and developed a scalable Notification Service to enable subscription-based desktop push notifications.
- Eliminated the team's reliance on Amazon Simple Notification Service, reducing external dependencies and associated costs.

PROJECTS

Blogger API

RESTful API microservice | 🐙 [GitHub](#)

Apr 2023 – May 2023

Spring Boot

- Developed a RESTful API service to query and manage blog data.
- Implemented core functionalities like "Create Blog", "Read Blog", and "Like Blog."

Rideshare - DBaaS

Database as a Service | 🐙 [GitHub](#)

Mar 2020 – May 2020

Python, Docker, Postgres

- Designed and implemented a scalable, highly available Database as a Service (DBaaS) model for a Rideshare application.
- Built two microservices: Users service and Rides Service to manage respective data.
- Utilized Docker for containerization and deployment, RabbitMQ for messaging, and Zookeeper for distributed coordination.

YT Ad Skip

Browser Extension | 🐙 [GitHub](#)

Jan 2024 – Jan 2024

Javascript

- Developed a browser extension designed to automatically skip YouTube ads, enhancing the user viewing experience.

TECHNICAL SKILLS

Programming Languages: Java, C/C++, Python, Javascript, SQL

Technologies: Spring Boot, Azure SQL, Kubernetes, AWS, GCP, Docker, Kafka, ElasticSearch, Apache Spark

Development Tools: Git, Jenkins, IntelliJ IDEA, Agile

Testing Frameworks: JUnit, Mockito