

# 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 (Backend Developer)

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 (Data Engineering)

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, SQL

**Technologies:** Spring Boot, Azure SQL, Kubernetes, Kafka