Goutham R

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EDUCATION

PES University   Bengaluru, Karnataka
B.Tech in Computer Science   *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   Jul 2021 – Present
Software Engineer 3 (Backend Developer)   *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   Jan 2021 – Jun 2021
Software Engineer Intern (Data Engineering)   *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   Jul 2020 – Sep 2020
Software Engineer Intern   *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   Apr 2023 – May 2023
RESTful API microservice | GitHub   *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   Mar 2020 – May 2020
Database as a Service | GitHub   *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   Jan 2024 – Jan 2024
Browser Extension | GitHub   *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, Docker, Kafka, ElasticSearch, Apache Spark