

# YASHWANTH REDDY VERUPAKA

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## EDUCATION

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**George Mason University**, Fairfax, VA, USA

Masters: Computer Science

Aug 2023 — May 2025

Overall GPA: 3.78

**National Institute of Technology Karnataka**, Surathkal, Karnataka, India

Jun 2018 — May 2022

Bachelors: Computer Science Engineering

Overall GPA: 8.16

## EXPERIENCE

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### OLA

Bangalore, Karnataka, India

*Software Development Engineer I(Site Reliability)*

Jun 2022 - July 2023

- Managing Kubernetes Cluster and deploying applications on it. Working with deployments and how they are scaled, updated, and rolled back.
- Setup and managing Highly available message broker(Apache Kafka) that supports high throughput and low latency with exceptionally low consumer lag at the topic level.
- Setup observability in Kubernetes and VM (Prometheus, Grafana, Alertmanager) for 24/7 monitoring of clusters and applications.
- Working with AWS EKS,EC2, Auto-scaling, S3, Cloud watch, Cloud Trail.
- Performed Cost optimization at infra level.
- Providing Flink setup, managing, and upgrading it for the smooth running of jobs.
- Performed Migration Activities which includes both Zone and cloud migration of Kafka.

### Strand Life Sciences

Bangalore, Karnataka, India

*Research Intern*

May 2021 - July 2021

- Understanding the logging framework and segregating logs
- Creating multiple dashboards for logs with varied features to analyze the API calls.
- Implemented dropdown metrics into the main codebase.

### Institution of Engineering and Technology

Surathkal, Karnataka, India

*Executive Member*

Sep 2019 – Ongoing

- Conducting workshops, events, and coding sessions.
- Conducted the Summer Mentorship program on C language.
- Build and create many projects for the project expo every year.

## PROJECTS

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### Hybrid Text Summarization

Surathkal, Karnataka, India

*Project Link:* <https://github.com/yashwanth195/Hybrid-Text-Summarizer>

Apr 2022 - Completed

- This is a machine learning-based project that uses both abstractive and extractive summarisation techniques to summarise a paragraph with salient features.

### Group-Signatures

Surathkal, Karnataka, India

*Project Link:* <https://github.com/yashwanth195/group-signatures>

Apr 2020 - Completed

- This project is to maintain the secrecy of the identity of the members of a group except for the group manager. This involves encryption of user identity.

### Block-Chain based voting system

Surathkal, Karnataka, India

*Project Link:* <https://github.com/yashwanth195/blockchain-voting-1>

Dec 2021 - Completed

- This project allows users to cast their vote and makes it impossible to tamper with the blockchain preventing it from voter fraud.

## SKILLS

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- **Relevant Coursework:** Design and Analysis of Algorithms, Operating Systems, Database Management, Cloud Computing, Software Engineering
- **Programming:** C, HTML, CSS, Python, SQL, Java Script
- **Technical Skills:** Kafka, Kubernetes, Superset, AWS, Flink, JIRA, Kibana, Grafana, Prometheus, Alertmanager
- **Languages:** English, Telugu, Hindi

## ACHIEVEMENTS and ACTIVITIES

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- Secured All India Rank 1417 in JEE-MAIN and won the merit-based scholarship in Undergrad.
- Active member of National Service Scheme(NSS).
- Member of Organising committee of various events in Undergrad.