

LOKESH GADDAM

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ACHIEVEMENTS

- National-Level Smart India Hackathon, 2023 - Runner Up
- National HackFest 2024, organized by SAP LABS - 1st Prize (out of 1193 teams regionally)
- CVR Webathon Contest, 2024 (themed based web solution contest) - 1st Prize
- JNTUH Project Expo, 2024 - 1st Prize

SKILLS

Languages : Python, Java, Javascript, GoLang

Development : NextJS, ReactJS, Git, GitLab, GraphQL, Hive, Spark, Redux, React Native, Flutter, Kafka

Cloud : Linux, AWS CodePipeline, GCP, Docker, Kubernetes, Terraform, Ansible, Prometheus, ELK Stack

Data : PostgreSQL, MongoDB, Airflow, DynamoDB, Redis, SQL

EDUCATION

Bachelor of Technology (B.Tech) CSE | CVR College of Engineering - CGPA: 9.38 / 10

Jun 2025

EXPERIENCE

SDE Intern | Modak Analytics - Hyderabad, IN

Jan 2025 - Apr 2025

- Developed responsive interfaces for the Modak Nabu platform, integrating n8n-based automation workflows with the Next.js frontend.
- Refactored AWS Lambda functions that eliminated 500+ redundant triggers and enhanced system throughput.
- Resolved "File Not Found" errors by moving S3 Objects out of AWS Glacier through log analysis.
- Increased productivity by developing custom CodePipeline automation scripts, saving 10+ minutes daily.
- Reduced AWS costs by 40% (\$150/month) by optimizing the configuration of Terraform.

CERTIFICATIONS

- J.P. Morgan Software Engineering Virtual Experience on Forage - February 2024
- AWS Knowledge: Cloud Essentials Certification - August 2023
- Google's Connect and Protect: Networks and Network Security Certification - February 2024
- Salesforce Administrator Virtual Internship - November 2023

PROJECTS

HelpEZ- Bridging Hope in Times of Crisis (React Native, Redux, Express, Firebase)

[🔗 Link](#)

Worked on a crisis management mobile application with Rapid Reporting and Family Safety Space, improving emergency communication effectiveness by 30% through Bluetooth Low Energy using Bridgefy SDK. Also enabling resource discovery and peer-to-peer SOS alerts.

StreamGo - A video streaming service (NextJS, AWS, Kafka, PostgreSQL, ElasticSearch)

[🔗 Link](#)

Developed StreamGo, a YouTube-like platform with video transcoding, using AWS S3 for multipart uploads, HLS along with ffmpeg transcoding to enable adaptive bitrate streaming. Integrated Kafka for event message handling during uploads and notifications and ElasticSearch for searching through videos within the platform.

SustainEats - Convert to Sustainable Eating (React, VertexAI, MongoDB, JWT, Docker)

[🔗 Link](#)

Developed a web app in ReactJS and MongoDB that allows users to create meal plans with carbon footprint information. With AI assistance using VertexAI on GCP, user gets suggestions on meal updates to minimise the possible carbon emission. Containerised using Docker and published to registry.

Syntaxity - Online Code Editor (React, MongoDB, WebRTC, SocketIO, D3.js)

[🔗 Link](#)

Created real-time collaborative code editing using React, enabling users to join interactive coding sessions effortlessly; included Chat and Audio rooms. Rolled out an internal pilot to 25+ college peers, and improved collaboration workflows and user experience based on their feedbacks.

ACTIVITIES AND INTERESTS

Photography: Contributed to the college photographers club- Shots Of CVR (Followers of over 1.4k)

Blogging: Handling a blog channel in Substack with regular technology related posts and activities.