

# GANALA MOHAN RAO

Software Engineer

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🌐 [Linkedin](#)

🐙 [Github](#)

📁 [Portfolio](#)

## SUMMARY

I am a **Software Engineer** with **2+ years** of experience specializing in identity and access management. Spearheaded onboarding automation, access provisioning, and reporting using OKTA and Saviynt.

## EXPERIENCE

### Software Engineer at Wipro [🔗](#) | OKTA, Saviynt

Mar 2022 - May 2024

- **Spearheaded** the creation and onboarding process of franchise employees and contractors for the customer using **OKTA**, ensuring seamless identity provisioning.
- **Streamlined** application access management through **Saviynt**, enhancing security and compliance.
- **Developed and maintained** automated reporting mechanisms for **failed jobs** and **user management**, improving issue visibility and resolution time.
- **Led**, the **contractor-to-employee conversion process** ensuring accurate identity updates and minimal access disruption.

## PROJECTS

### NewsHive [🔗](#) | React.js, Node.js

August

Developed a responsive React app that fetches real-time news with category navigation and infinite scrolling.

- Navigate **top headlines** across categories like **Business, Entertainment, Health**, and more through a **responsive interface**.
- Delivered **real-time page load feedback** with a sleek and **dynamic loading bar** for enhanced **user experience**.
- Implemented **infinite scrolling** to streamline article browsing and eliminate **manual pagination**.
- Integrated and render **real-time news dynamically** from the News API using **React hooks** for efficient and **responsive content updates**.
- By utilizing React and Node.js, the application achieves a 35% improvement in performance and scalability compared to older tech stacks, providing a seamless experience.

### HelpMate [🔗](#) | HTML, CSS, JavaScript

March

A virtual assistant that provides interactive responses and features like weather updates and task management.

- **Executed** tasks through **voice commands**, such as opening popular websites like YouTube, Google, Instagram, and Facebook.
- **Processed** user commands dynamically with **real-time speech recognition** powered by the Web Speech API.
- **Delivered** intelligent voice-based responses using **text-to-speech** technology to enhance user engagement.
- **Showcase** an interactive and **responsive user interface** with dynamic button actions and voice indicators.
- **Scaled** and adapted seamlessly to support **new commands and features** for evolving user requirements.

## EDUCATION

### Cooch Behar Government Engineering College, Cooch Behar

2017 – 2021

B.Tech - Computer Science and Engineering - **CGPA - 8.91**

Cooch Behar, India

## COURSEWORK / SKILLS

- |                                       |                                     |                     |                        |
|---------------------------------------|-------------------------------------|---------------------|------------------------|
| • Data Structure and Algorithms (DSA) | • Database Management System (DBMS) | • Operating Systems | • Software Engineering |
|                                       |                                     | • Oops Concepts     | • C++                  |

## TECHNICAL SKILLS

- **Languages:** C, C++ (Data Structure), Java, HTML5, CSS, JavaScript, React, SQL
- **Platforms & Tools:** OOPs, Git, SDLC, IntelliJ IDEA, PyCharm, Visual Studio Code

## CERTIFICATIONS

- Programming in Java - NPTEL
- Conducted Workshop on Python - Cooch Behar College