



# Kanigolla Ganesh Sasidhar

sasidharkanigolla44@gmail.com | +91 73966 22885 |  LinkedIn |  GitHub

## Skills

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**Programming Languages:** Java, C++, Python, C

**Technical Skills:** Problem Solving, Data Structures and Algorithms, System Design

**Frontend Tools:** React.js, HTML 5, CSS 3, JavaScript, Tailwind CSS, Bootstrap

**Backend Tools:** Spring Boot, Node.js, Express.js, REST APIs

**Databases:** MongoDB, MySQL

**Developer Tools:** Git, GitHub

**CS Core Subjects:** OS, CN, DBMS, OOPs

## Projects

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### B2B Transaction Manager [\[Demo Link\]](#) [\[GitHub Repo Link\]](#)

Mar 2024 - Apr 2024

- **Tools Used:** React, Express.JS, MongoDB, Node.JS, APIs, JavaScript, Tailwind CSS, CSS, HTML
- **Overview:** Built a full-stack B2B transaction platform enabling store owners to initiate, monitor, and manage transactions efficiently.
- **Key Features:** Designed modules for handling over **100+ supplier and customer records**, managing inventory, storing **500+ customer orders**, and maintaining complete transaction histories.
- **Secure Authentication:** Integrated JWT-based login and protected **100% of backend routes** to ensure authorized access and data security.
- **Performance Optimization:** Improved frontend performance and responsiveness by **~25%** using React component optimization and conditional rendering.

### Food Ordering App [\[GitHub Repo Link\]](#)

Jan 2024 – Feb 2024

- **Tools Used:** React, JavaScript, HTML, Tailwind CSS, APIs
- **Overview:** Built a responsive single-page food ordering app simulating a modern food delivery platform with over **50+ restaurants** and **200+ menu items**.
- **Live API Integration:** Integrated third-party APIs using reusable React components to dynamically fetch and display restaurant data, menus, and images.
- **State Management:** Used React hooks (useState, useEffect) to manage UI state transitions such as cart updates, menu filtering, and data fetching for a smooth user experience.

### Accommodation Booking Platform [\[Demo Link\]](#) [\[GitHub Repo Link\]](#)

Nov 2023 – Dec 2023

- **Tools Used:** HTML, CSS, Bootstrap, JavaScript, APIs, MongoDB, Express.JS, Node.JS
- **Overview:** Built a full-stack platform enabling users to book accommodations and hosts to manage listings, supporting over **100+ property entries**.
- **User Management:** Implemented secure login, user registration, and profile customization, including user preferences and settings across **2 user roles** (guests and hosts).
- **Property Listings:** Developed CRUD features for hosts to create, update, and manage listings with **6+ key fields** such as pricing, availability, images, description, and location.
- **Reviews and Ratings:** Enabled users to leave **star-based reviews and written feedback** on properties and hosts, improving platform transparency and trust.

## Education

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**Aditya Engineering College**, B.Tech, Information Technology

2022 - Present

- CGPA: 9.03/10.0

**Sri Chaitanya Junior College**, Intermediate, M.P.C

2020 - 2022

- Percentage: 95.2

## Achievements

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- **5-Star** in Java and **3-Star** in Problem Solving on Hackerrank
- Leetcode (Max. Contest Rating 1598)
- **3-Star** in GeekForGeeks (Max. Contest Rating 1606)
- **2-Star** in CodeChef (Max. Contest Rating 1505)

## Certifications

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- **Java Certificate** from HackerRank – [View Certificate](#)
- **Problem Solving Certificate** from HackerRank – [View Certificate](#)