

# VINAYAK B S

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## Education

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Siddaganga Institute Of Technology

*B.E. in Computer Science and Engineering (CGPA 9.0)*

December 2022 – Present

Tumkur, Karnataka

## Relevant Coursework

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- Data Structures And Algorithms
- Database Management
- Operating System
- Object Oriented Programming

## Projects

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**LocalTasker - Neighborhood Service Network** | *React, Node.js, MongoDB, Machine Learning*

- Built a location-based platform that connects service providers with property owners for efficient task management.
- Developed real-time tracking using **Google Maps API** and implemented geolocation-based service matching.
- Developed a **responsive** frontend using **React.js** for an optimized user experience across devices. Built a **scalable** backend with **Node.js** and **MongoDB**.
- Integrated an **NLP**-based review system and **DBSCAN** clustering to enhance service recommendations and user trust.

**ZeroHunger - Food Donation Platform** | *Node.js, Express.js, Firebase, EJS*

- Developed a full-stack web application to facilitate food donation, connecting donors with food banks and organizations to combat hunger in local communities.
- Implemented key features including food donation posting, real-time NGO selection, and donation tracking.
- Built the backend using **Node.js** and **Express.js** for efficient server-side operations.
- Utilized **Firebase** for efficient data management and real-time updates, while designing dynamic and responsive user interfaces using **EJS** for an enhanced user experience.

**Medicine Store Management Using Database Management System** | *SQL*

- Ensured seamless integration of medicines, customers, orders, payments, suppliers, and inventory within a centralized database for efficient management.
- Automated customer registration and data entry processes for smooth operations.
- Implemented a logging system to track new medicine inventory and shop entries for better record-keeping.

## Technical Skills

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**Languages:** C, C++, Python(Basics)

**Development:** HTML, CSS, JavaScript

**Databases:** SQL, MongoDB

**Frameworks:** React.js

**Developer Tools:** GitHub, VS Code, Jupyter notebook

## Achievements

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- Solved **200+** DSA problems from various coding platforms such as Leetcode and GeeksForGeeks
- Participated in IBM Z Datathon - A global hackathon event.
- Participated in two National-Level hackathons conducted by reputed institutions.

## Co-curricular Achievements

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- Organized **Quest Test Series (QTS) with over 500+ participants** to help prepare students for placements as a part of Team Quest, during which we organized a 5-day event creating mock placement scenarios.

## Position of Responsibility

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- Built the official website for **International Conference on Emerging Computation and Information Technologies (ICECIT-2025)** at Siddaganga Institute of Technology, Tumkur.
- **Video Editing** Lead of Team Quest, which is the only club recognized by **Training & Placement department** of our college, helping students understand the current placement scenarios through Quest Test Series(QTS)