



# SIDHARTH G

## FULL STACK DEVELOPER

### CONTACT

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### EDUCATION

#### 2021 - 2024 NEW HORIZON UNIVERSITY

- Bachelor of computer Application
- CGPA : 9.3/10

#### 2020 - 2021 WELLDONE MATRIC SCHOOL

- Higher Secondary
- Percentage: 89%

- Secondary**
- Percentage:84%

### SKILLS

- C
- PHP
- Java
- Python
- MongoDB
- SQL , Oracle SQL
- HTML,CSS, Java script
- React , Express, NodeJS
- Git and github

### LANGUAGES

- English
- Tamil

### PROFILE

An aspiring computer professional and BCA Computer Application student with a strong foundation in web development, Successfully completed the full-stack projects. A Full stack web developer with experience in developing responsive and high-performance web applications using JavaScript, React, Node.js, and MongoDB. Adapt at problem-solving and delivering scalable solutions, with a focus on both front-end and back-end technologies. Eager to apply skills to deliver efficient and innovative solutions.

### WORK EXPERIENCE

**Company : LedNexora IT Services Private Limited** Oct 2024 – Till Date  
Full Stack Developer

As a developer, I supported the team with web development tasks, helping to build and optimize applications. My contributions included coding, testing, and ensuring seamless functionality. I collaborated closely with others to enhance user experience and drive project success.

### INTERSHIP

**Company : Prinston Smart Engineer** May 2024 - June 2024  
MERN stack Developer

Developed the core functionalities of the grocery store application, including user authentication, product browsing, order processing and cart functionalities. Optimized the use of MongoDB, Express.js, React, and Node.js to ensure seamless front-end and back-end communication.

### PROJECTS

#### Peer to peer Market system

Developed the core functionalities of the peer-to-peer market system, including user authentication, product listing, transaction processing, and razor-based payment integration. Optimized the use of MongoDB, Express.js, React, and Node.js to ensure efficient and secure communication between buyers and sellers.

#### Real time Student connect web application

Developed a Real-Time Hostel Management System using the MERN stack to automate student data verification, leave management, and library access. Implemented role-based access control for secure data management among admins, wardens, librarians, and students. Created a student database management system to manage hostel records and requests efficiently. Designed a user-friendly dashboard for real-time processing of leave requests and student status verification.

## Work Experience - LedNexora (OCT 2024 to Till Date)

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- Designed and developed a fully functional website for Lednexora, showcasing the company's services and products.
- Utilized **HTML**, **CSS**, and **Bootstrap** to create a responsive and visually appealing website design.
- Implemented dynamic functionalities using **JavaScript**, enhancing user interaction and overall site usability.
- Leveraged **WordPress** for content management, ensuring easy updates and scalability for future content changes.
- Employed **FileZilla** for secure file transfer and effective management of the website's hosting environment.
- Delivered the project within the specified timeline, meeting all quality and functionality expectations.

## Internship - Prinston Smart Engineer (MAY 2024 to JUNE 2024)

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- Developed the core functionalities of a comprehensive grocery store application, ensuring an intuitive and user-friendly experience.
- Designed and implemented **user authentication** with secure login and registration features, protecting user data and preventing unauthorized access.
- Built dynamic product browsing features, enabling users to explore and search for grocery items efficiently using a **responsive UI** built with **React**.
- Implemented robust **cart functionalities**, allowing users to add, remove, and update items, with seamless real-time updates.
- Engineered an efficient order processing system to handle **checkout, payment integration, and order tracking**.
- Optimized the communication between the **front-end (React)** and **back-end (Node.js, Express.js)** for high performance and reduced latency.
- Utilized **MongoDB** for managing a scalable and flexible database structure, enabling efficient storage and retrieval of product, user, and order data.
- Ensured the application was responsive and compatible across devices, enhancing accessibility and user satisfaction.

- Successfully deployed and tested the application, achieving smooth operation and scalability to handle high user loads.

## Project - Peer to peer Market system

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- Designed and developed the core functionalities of a **peer-to-peer marketplace system**, enabling seamless interaction between buyers and sellers.
- Implemented secure **user authentication** to protect user accounts and ensure data integrity.
- Created a dynamic **product listing** feature, allowing users to easily post, manage, and showcase items for sale.
- Integrated advanced **filtering options** to enable efficient product searches by category, price range, and other attributes, enhancing user experience.
- Built dual-role functionality to allow users to **sell products** and simultaneously **buy products** from other users.
- Developed an interactive **review system**, enabling buyers to provide feedback and rate products or sellers for increased transparency and trust.
- Leveraged advanced **CSS techniques**, including **Grid** and **Flexbox**, to design responsive and visually engaging user interfaces.
- Engineered a robust **transaction processing system** to handle orders, payments, and confirmations securely and efficiently.
- Integrated **Razorpay payment gateway** for secure and seamless payment processing, supporting multiple payment methods.
- Utilized the **MERN stack (MongoDB, Express.js, React, Node.js)** to ensure efficient and secure communication between the front-end and back-end.
- Optimized the platform for scalability and performance, enabling it to handle high user traffic and large volumes of transactions.

## Project - Real Time Student Connect Web Application

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- Designed and developed a **Real-Time Hostel Management System** using the **MERN stack** to streamline and automate various hostel processes, improving operational efficiency.

- Implemented features such as **student data verification**, **leave management**, **library access**, **late-night permissions**, and **complaint management** to address key hostel requirements.
- Introduced **role-based access control (RBAC)** to ensure secure and tailored access for admins, wardens, librarians, and students.
- Utilized **Nodemailer** to enable password reset functionality and provide automated email updates for complaint status and approvals.
- Integrated **Google OAuth credentials** for sending secure email notifications directly from the system.
- Developed a **tracker page** for students to monitor the status of their leave and library requests in real time.
- Enabled students to **download request PDFs** using the **PDFKit library**, ensuring easy record-keeping for official purposes.
- Incorporated **React-QR-Code** to generate **QR code-based passes** for late-night entry, improving security and reducing manual intervention.
- Designed a responsive and user-friendly **dashboard** using **Bootstrap**, allowing real-time processing of leave requests and student status verifications.
- Built a comprehensive **student database management system** to efficiently handle hostel records, requests, and complaints.
- Optimized the application for scalability and high performance to handle large-scale student and staff interactions seamlessly.