

# Aboobackar Sidheeque T

Software Developer

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## TECHNICAL SKILLS

**Frameworks / Library:** next.js, nodejs, React

**Languages:** Python, Java, C, javascript/typescript, C++

**Web Technologies:** HTML, CSS, , JavaScript/typescript, tailwind , react , next.js

**Databases:** PostgreSQL, MySQL, MongoDB , firebase

**Developer Tools:** Git, Firebase, Visual Studio, Android Studio, VS Code , vim , prisma , jupyter Notebook , colab , Matlab

**Machine Learning AI:** Supervised Learning , Unsupervised Learning , Deep Learning , Artificial Intelligence

## EDUCATION

<b>Central University of Kerala</b>	7.44
<i>Master of Computer Science</i>	<i>July. 2023 – May 2025</i>
<b>Calicut University</b>	6.8 CGPA
<i>Bachelor of Computer Science</i>	<i>July. 2020 – May 2023</i>
<b>SSHSS Moorkanad , Areekode</b>	72.33%
<i>Plus Two - Computer Science</i>	<i>July. 2018 – March 2020</i>
<b>SOHSS Areekode</b>	93%
<i>SSLC (Secondary School Leaving Certificate)</i>	<i>July. 2017 – March 2018</i>

## INTERNSHIPS

<b>full-stack Developer</b>	May 2024 – June 2024
<i>dotco , Internship, Onsite</i>	<i>Calicut, Kerala</i>
<ul style="list-style-type: none"><li>Developed web application using nodejs and next.js</li></ul>	
<b>Content Editor &amp; Proofreader</b>	May 2023 – July 2023
<i>Medulla</i>	<i>Malappuram, Kerala</i>
<ul style="list-style-type: none"><li>Conducted web scraping and data conversion tasks using tools like Word and Excel.</li><li>Generated and validated flashcards using AI tools such as Notion and ChatGPT from scraped data.</li><li>Communicated with subject matter experts, particularly in the medical field, to ensure accuracy and relevance of content.</li></ul>	

## PROJECTS

<b>Task-Manager</b>   <i>js,HTML,CSS, mongodb, nodejs</i>	Apr 11, 2024
<ul style="list-style-type: none"><li>a simple task-manager web app using nodejs and express</li></ul>	
<b>store-api</b>   <i>nodejs,express , mongodb</i>	May 25, 2024
<ul style="list-style-type: none"><li>store-api that used to learn CRUD operation with mongodb</li></ul>	
<b>deli-mate</b>   <i>react, Firebase, Cloud firestore</i>	November 2022 – March 2024
<ul style="list-style-type: none"><li>A web application that to deliver the surplus food in cheap manner and Firebase as degree final year project.</li><li>Features an intuitive and easy-to-navigate interface for both the parties, improving user engagement and satisfaction.</li><li>Implemented features such as user authentication, data storage, and real-time updates.</li><li>Hosted on the firebase: <a href="https://deli-mate-21d62.firebaseio.com/">https://deli-mate-21d62.firebaseio.com/</a></li></ul>	
<b>Traffic Sign Detection</b>   <i>YOLOv8, CNN, Python</i>	Jan 2024 – May 2024
<ul style="list-style-type: none"><li>Developed a hybrid ADAS system using YOLOv8 for traffic sign detection and a custom CNN model for classification.</li><li>Applied preprocessing techniques like CLAHE and Lucy-Richardson deblurring to improve image quality.</li><li>Balanced dataset using augmentation; achieved high classification accuracy using custom CNN.</li><li>Project repository: <a href="https://github.com/Wh0-am1/Traffic.Sign.Detection">github.com/Wh0-am1/Traffic.Sign.Detection</a></li></ul>	

## SOFT SKILLS

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### **Adaptability**

*Quickly adapts to new technologies and environments, demonstrated in various development roles.*

### **Fast Learner**

*Quickly learned Flutter to teach in a workshop and gained proficiency in Next.js and Node.js while working on a project. Also*

### **Time Management**

*Effectively managed time while balancing freelancing with academic responsibilities, ensuring timely delivery of projects.*

### **Collaboration**

*Worked effectively in teams, ensuring successful project outcomes through communication and teamwork.*

### **Typing Skill**

*More than 65 WPM*

## VOLUNTEERING

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### **TinkerHub**

*Volunteer*

- \* Assisted in organizing and managing technical events and workshops.
- \* Supported participants by providing guidance and facilitating activities.

Sullamussalam College

*May 2021 – Oct 2022*

### **IEDC (Innovation and Entrepreneurship Development Cell)**

*Volunteer*

- \* Participated in organizing startup and entrepreneurship events.
- \* Contributed to planning and executing workshops and seminars for students.

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*May 2021 – March 2023*