

# MOHAMED SHAIK MAHSOOK

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## FULL STACK WEB DEVELOPER

I'm Mahsook, a dynamic and forward-thinking professional with a passion for technology and innovation. a versatile Full Stack Developer proficient in the MERN stack, and a creative UI/UX designer. With expertise in MongoDB, Express.js, React.js, and Node.js, I seamlessly blend robust application development with captivating design. I bring a unique combination of technical prowess and design finesse.

## CORE COMPETENCIES

UI/UX Design • Frontend Development • Backend Development • MERN Stack Development • Embedded Systems Design • IoT System Design • Project Management • Technical Skills • Problem-Solving and Innovation • Communication and Presentation • Continuous Learning and Certification

## EXPERIENCE

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|---|-----------------|
| <b>UI/UX Designer</b>   | 1/2024-Present  |
| <ul style="list-style-type: none"><li>Designed and implemented a responsive web UI/UX for Dan Jr. Wedding Biryani's biryani ordering platform using Figma and Canva, collaborating with developers to ensure seamless integration and adherence to client specifications for optimal usability.<br/><b>Design Link:</b> <a href="#">Dan Jr. Wedding Biryani's</a></li><li>Designed the landing page for "GreenBite," an organic food delivery service, focusing on fresh produce and healthy meal kits. Incorporated brand values of health, sustainability, and convenience into both desktop and mobile versions.<br/><b>Design Link:</b> <a href="#">GreenBite</a></li></ul> |                 |
| <b>MERN Stack Developer</b>   | 6/2023-7/2023   |
| <ul style="list-style-type: none"><li>During my internship at The Better Tomorrow, a prominent web development company, I gained hands-on experience working with the MERN stack. I actively contributed to front-end development using HTML, CSS, JavaScript and React JS. Additionally, I gained expertise in back-end development using Node JS, express JS</li><li><b>Product Link:</b> <a href="#">NearTreat</a></li></ul>   |                 |
| <b>Embedded and IoT system design Intern</b>  | 11/2023-12/2023 |
| <ul style="list-style-type: none"><li>During this internship at Artiwez Technologies I get chance to work on STM32 microcontroller and got hands on experience in IoT system design. Independently designed and built a prototype Embedded system using STM32, demonstrating my ability to apply theoretical concepts to practical applications.</li></ul>  |                 |

## EDUCATION

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|--|-----------|
| <b>SRI ESHWAR COLLEGE OF ENGINEERING</b>   | 2021-2025 |
| <ul style="list-style-type: none"><li>Bachelors in Electronics and Communication Engineering<br/>CGPA: 7.82</li></ul>                |           |
| <b>L.K. Higher Secondary School</b>  | 2019-2021 |
| <ul style="list-style-type: none"><li>Standard - 10th (SSLC) Percentage: 87%</li><li>Standard - 12th (HSC) Percentage: 82%</li></ul> |           |

## TECHNICAL SKILLS

- Programming Languages:** C/C++, Python, Java
- Frontend Development:** HTML, CSS, JavaScript (ES6), React JS
- Backend Development:** JavaScript (Node.js), Express.js
- Databases:** MongoDB, Firebase
- Version Control:** Git, GitHub
- Embedded Systems:** C/C++, Embedded C
- Design Tools:** Figma, Canva

- **Other Tools:** VS Code, Arduino IDE, PyCharm, Netlify, Vercel

## CERTIFICATIONS

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- Mastering Figma: Beginner to Expert UI/UX Design | 2023 | Guvi Geek Networks, IITM Research Park
- Cloud Computing | 2023 | NPTEL
- Developing Chatbots with Azure | 2023 | LinkedIn
- The Joy of Computing Using Python | 2022 | NPTEL
- AI For India 2.0 | August 2023 | Guvi Geek Networks, IITM Research Park
- Mastering Data Structures & Algorithms using C and C++ | 2022 | Udemy
- SQL - Standard | 2022 | Skillrack
- Introduction to IoT | 2022 | Cisco
- Crash Course on Python | 2022 | Coursera

## PROJECTS

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### **NearTreat - Bridging the gap between street food vendors and food lovers.**

- **Domain:** Web development
- **Tech Stack:** React JS, Node JS, Express JS, MongoDB, Firebase, Zoho SalesIQ, Tailwind CSS, React Leaflet
- Developed and led a team to create the NearTreat web application, a revolutionary solution addressing the challenge of locating street food vendors. The app provides live location tracking and real-time availability of street food recipes, enhancing the street food experience for both sellers and buyers.
- [www.nearthreat.in](http://www.nearthreat.in)

### **TimelyTask - The TimelyTask project is a Web that aims to simplify task management and payment for blue-collar workers.**

- **Domain:** Web development
- **Tech Stack:** React JS, Node JS, Express JS, MongoDB, Firebase, Tailwind CSS, React Leaflet
- The TimelyTask project is a Web that aims to simplify task management and payment for blue-collar workers. Assign, receive, and complete tasks through the Web Application. Automatic payment of wages once the task is completed. User-friendly interface and easy login process for efficient task and financial management.
- <https://timelytask.mahsook.tech/>

### **Expense Tracker - Developed a comprehensive Expense Tracker application to help users manage their financial transactions efficiently.**

- **Domain:** Web development
- **Tech Stack:** React JS, Node JS, Express JS, Tailwind CSS, Canvas JS
- Responsive Expense Tracker using the MERN stack with React.js for the frontend, Node.js and Express.js for the backend, and MongoDB for data storage. Integrated Canvas.js for dynamic data visualization, allowing users to manage transactions securely with features like user authentication and CRUD operations.
- <https://expensetracker.mahsook.tech/>

### **QRMedisync - QR Code based Dispenser for Medicine (On going)**

- **Domain:** IoT and Web development
- **Tech Stack:** React JS, Node JS, Express JS, Tailwind CSS, Canvas JS, Arduino and more
- Designed and implemented a QR code-based drug dispensing system using a combination of embedded systems and web technologies. This project developed a QR code-based drug dispensing system using a combination of embedded systems and web technologies.

- Patients scan their prescription QR code through a user-friendly interface, triggering the system to verify the medication and dispense it safely through a servo-controlled mechanism.

### **Smart Ambulance control system**

- **Domain:** Embedded and IoT system
- Designed and implemented a sophisticated traffic control system for optimizing ambulance routes in healthcare. The system leveraged IoT devices, cloud technology, and GPS tracking to gather real-time traffic data and prioritize ambulance movements.

## **ACHIEVEMENTS**

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- 1st Runner-Up at Ideathon with a ₹50,000 Cash Prize**
  - Secured the 1st Runner-Up position and received a ₹50,000 cash prize at Ideathon, hosted by Cloud Analogy in Haryana. Demonstrated exceptional problem-solving and innovative thinking.
- First Runner-Up and Grand Prize Winner at Pitch Fest 2023**
  - Achieved the 1st Runner-Up position and was awarded a cash prize of ₹15,000 at Pitch Fest 2023 held at Sri Eshwar College of Engineering. Presented a compelling business idea and demonstrated effective communication and pitching skills, earning top honours
- First Runner-up and secured 2 months internship in Guvi**
  - Achieved the position of First Runner-up in the DanJR Hackathon, powered by GUVI. Secured a prestigious 2-month internship with GUVI, an IIT-M and IIM-A incubated company.
- Agent of Change in Tech - Tech for Good Hackathon**
  - Awarded with the title of "Agent of Change in Tech" for outstanding contributions at the Tech for Good Hackathon organized by Google Developers Group Coimbatore. Recognized for innovative ideas and impactful initiatives in the tech industry.
- TNSI EDII-TN Ideation Camp**
  - Recognized for innovative ideas and selected as a participant for the TNSI EDII-TN Ideation Camp, fostering entrepreneurial thinking and problem-solving skills. Demonstrated creativity and entrepreneurial potential.
- DevHack 2023**
  - Advanced to the finals of DevHack 2023, a prestigious competition organized by Startup TN in partnership with Thiagarajar College of Engineering, Maxelerator Foundation, Young Indians Madurai, and Google Developers Group. Showcased exceptional technical skills and innovative thinking.
- Mini Project Expo 2023**
  - Secured the second prize in the Mini Project Expo held at Sri Eshwar College of Engineering. Demonstrated outstanding project implementation, technical proficiency, and effective presentation abilities, showcasing the ability to develop and present innovative ideas in a competitive environment.
- The Pitch 2023**
  - Achieved a semi-finalist position in The Pitch 2023, held as part of the 15th edition of Coimbatore Vizha, organized by Startup TN. Presented a compelling business idea, demonstrating effective communication and pitching skills to a panel of industry experts and investors.
- SECE Internal Hackathon 2022**
  - Reached the finale of the Internal Hackathon conducted by Sri Eshwar College of Engineering. Showcased innovative problem-solving skills and collaborated effectively with a team in developing a cutting-edge solution within a limited timeframe.
- MEDICNIK at Karpagam Academy of Higher Education**
  - Awarded a consolation prize in MEDICNIK, a national-level technical symposium, for presenting a solution that demonstrated technical competence and effective presentation skills. The solution showcased innovative ideas and practical implementation in the Medical domain.