

# AMOGH MUDAKAVI

Developer ~ Engineer

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## SUMMARY

I am a skilled and motivated individual with a strong foundation in computer science and technology. My expertise lies in data structures and algorithms, with proficiency in C++. I am well-versed in database management systems, and have a working knowledge of operating systems. My commitment to continuous learning and problem-solving makes me a valuable asset in any technology-focused role

## SKILLS

**Languages:** Javascript, SQL(MySQL), OOPS , C++.

**Technologies:** Mongo DB , React , HTML , Tailwind CSS , Express JS , Node JS , GIT , HTML, REDUX

## PROJECTS

C , C++	<b>Huffman Compressor</b> Developed software in C that implements Huffman coding to compress and decompress files. Achieved a compression rate of up to 46 percent.	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>
Machine Learning	<b>Food Delivery Time Prediction using Machine Learning</b> Developed a model using LSTM neural networks to predict delivery times. Calculated distances using the haversine formula. The system helps optimize inventory to meet customer demand while minimizing holding costs.	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>
MERN STACK	<b>StudyNotion Full Stack Application (BACKEND)</b> StudyNotion is a Full Stack EdTech Application. It is built using MongoDB, Express.js, Node.js and ReactJS (MERN)]	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>
Computer Networks	<b>Site-to-Site IPsec VPN</b> Site-to-Site VPN provides a site-to-site IPsec connection between your on-premises network and your virtual cloud network (VCN). The IPsec protocol suite encrypts IP traffic before the packets are transferred from the source to the destination and decrypts the traffic when it arrives	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>
ReactJS,Tailwind CSS	<b>Portfolio Website</b> Building a portfolio website with React It will have sections for about, skills, works, and a contact form. Knowing this, we can figure out the components to be created and what name they should be given	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>

## EDUCATION

6/2005 - 6/2018	<b>Vidya Vardhaka Sangha</b> Enrolled, part time program for development GPA:10	School
6/2018- 6/2020	<b>VVS Sardar Patel PU College</b> GPA:9.1(PCM)	Pre-University Education
6/2020 - 6/2024	<b>Btech- PES UNIVERSITY</b> Currently 7th Sem	Electronics and Communication Engineering

## CERTIFICATIONS

06/2023	<b>Cisco Thingbator</b> Created an innovative Web application, serving as a mobile electric vehicle (EV) booking platform that efficiently caters to user requirements. Leveraged location-based services to offer seamless booking and on-demand mobile EV charging services, enhancing user convenience and sustainable transportation options. The application was built using MERN STACK	A part of CISCO CSR commitments • 2023
11/2023	<b>WEB DEVELOPMENT USING MERN STACK</b> Having Completed a bootcamp Course in 2023	Codehelp