

# AMOGH MUDAKAVI

Developer ~ Engineer



amoghmudakavi.tech



+91-7483576982



Bangalore , India



amoghmudakavi@gmail.com



<https://github.com/Amogh-Mudakavi>



[linkedin.com/in/AmoghMudakavi](https://www.linkedin.com/in/AmoghMudakavi)

## 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

Electronics-VLSI	<b>Non-inverting Buck Boost Converter</b> A part of PMIC(power management IC Series) developed using a 45nm technology using MRAOT based Controlled technique	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>
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>
Data Structures	<b>Binary Tree Visualisation</b> This is a web application built using HTML, CSS, Javascript to visualize Binary Tree, Max Heap and Binary Search Tree Structure using array.This is to help the beginners in programming to gain more knowledge and understanding on Binary Tree and Max Heap by visualizing them.	<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://amogh-mudakavi.github.io/Portfolio/">https://amogh-mudakavi.github.io/Portfolio/</a>
Data Structures	<b>Sorting Algorithm Visualizer</b> This is a web application built using HTML, CSS, Javascript to visualize classic sorting algorithms such as bubble, insertion, selection, merge, quick, I made this sorting visualizer web application to improve my skills more in HTML, CSS, and JS. And to help the beginners in programming to gain more knowledge and understanding on sorting algorithms by visualizing them.	<a href="https://github.com/Amogh-Mudakavi">https://github.com/Amogh-Mudakavi</a>

## EDUCATION

6/2005 - 6/2018	<b>Vidya Vardhaka Sangha</b> Percentage:96	X-SSLC
6/2018- 6/2020	<b>VVS Sardar Patel PU College</b> Percentage:90(PCM)	PUC-XII
6/2020 - 6/2024	<b>Electronics and Communication Engineering</b> Percentage: 62 (6 Semester Aggregate)	Btech- PES UNIVERSITY

## 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	Codehelp
12/2023	<b>Master SQL</b> comprehensive SQL course, mastering essential topics such as database design, querying with SQL, and database optimization techniques	Udemy