

AMODH B H

Bengaluru, Karnataka, India

☎ 91+ 7619385315

✉ amodhbh72@gmail.com

in linkedin.com/in/amodh-bh/

github.com/amodh-2002

EDUCATION

PES University - 2024

Bachelor of Technology (B. Tech) in Mechanical Engineering | CGPA - 7.84/10(Up to 6th Semester)

Sri Bhagavan Mahaveer Jain College - 2020

Pre-University Course in Electronics and Communication (PCME) | 88.6%

TECHNICAL SKILLS

- **Programming:** HTML5, CSS, JavaScript, C++, React JS, Python, MATLAB, Node.js
- **Database:** SQL
- **Data Visualization:** PowerBI
- **Languages:** English, Hindi, Kannada
- **Developer Tools:** Git, GitHub
- **Soft Skills:** Time Management, Problem- Solving, Effective communication

INTEREST

- Autonomous Vehicle and Robotics
- Web Development
- Data Analytics

PROJECTS

Autonomous Campus Buggy (Research Project)

Designed and implemented a virtual on-road autonomous vehicle system for intra-campus micro-mobility using applications including MATLAB and RoadRunner. Developed a virtual campus, control system, and path planning algorithm to govern the buggy's operations. Conducted extensive scenario testing in Unreal Engine to evaluate the behaviour of the campus buggy in diverse environments.

Developed a recipe website with JWT authentication

Created a recipe website leveraging React for frontend development and Node.js/Express for seamless server-side routing and implemented user authentication through JWT with features like password hashing and conditional rendering for enhanced security and user experience.

Photoshop style Image

Developed a simple image editing application with Tkinter, featuring a wide range of tools, filters, positions and effects akin to professional software like Photoshop. Created a seamless user interface for intuitive image manipulation and enhancement.

COURSES

- **Self-Driving Cars Specialization** 1/2023 - 12/2023
Coursera
Learnt about working of self-driving cars, including controllers, Path planning algorithms, and computer vision systems for object detection and Kalman filters
- **Meta Front-End Developer Professional Certificate** 9/2023 - 11/2023
Coursera
Learnt about working of self-driving cars, including controllers, Path planning algorithms, and computer vision systems for object detection and Kalman filters