Ghanashyam Bhat

Data Science and Applied Machine Learning Enthusiast

✉ ghanashyambhat6@gmail.com

📍 Bengaluru, India

 github.com/Ghanashyam-Bhat

📱 8277099592

in linkedin.com/in/the-giga-byte

EDUCATION

B.Tech in Computer Science and Engineering
PES University

12/2020 - Present   *Bengaluru, India, CGPA - 9.17*

PERSONAL PROJECTS

World Happiness Index - Data Analysis (04/2022 - 04/2022)
- Analyzed the "World Happiness Index" dataset consisting of 4 years of data for 150+ countries and came up with very unique inferences and conclusions. We also created a Machine Learning model to predict Happiness Index based on the other factors.

Exploratory Data Analysis of Covid19 Data (10/2021 - 12/2021)
- Project involving data analysis of covid reports in the entire world and presentation of same using the dynamic web page.

Obstacle Avoidence and Impact Detection Bluetooth controled Robotic Car (01/2022 - 04/2022)
- The hardware project involves obstacle detection and avoidance using various sensors like Ultrasonic sensors and force sensors. The Arduino Uno is used to control the robotic movements. A Bluetooth module is used in order to control the car from the remote device.

Gaze-Guided Wheelchair using OpenCv (11/2021 - 11/2021)
- Tracked the eye movements to control the UI and the wheelchair using pyserial by sending signals to prototype. The UI is created using basic HTML5 and combined with backend python code.

Bank Management Software (07/2021 - 09/2021)
- Banking software developed using C language that supports encryption , user login and information eidting.

Online Judge Website Design (07/2022 - Present)
- Developing online judge platform for conducting competitive programming events, using NextJs, Tailwind, TypeScript, Vercel, Github for frontend.
- Backend database is using typescript, ExpressJs, MongoDB and heroku

Webpage Design for NGO (10/2021 - 12/2021)
- Created a webpage and a database for storing information and hosted a server using HTML, CSS, Javascript, and MERN Stack.

WORK EXPERIENCE

Machine Learning Intern
Center of Data Science and Applied Machine Learning, PES University

06/2022 - Present   *Bengaluru, India*
Working on profile picture rating using image processing.

Software Development Intern
Center of Robotic Automation and Intelligent Systems

01/2022 - Present   *Bengaluru, India*
Working on a retrofitting model of the Gaze-Guided Wheel Chair for Paralytic Patients.

SKILLS

Python	Flutter
Web Developement	MERN Stack
C (Programming Language)	C++ (Programming Language)
Competitive Programming	Research
Machine Learning	Internet Of Things
Data Science	Git and github
Robot Operating System (ROS)	Microsoft Execl

ACHIEVEMENTS

Successfully Completed Datathon (10/2021)
Conducted by MahilAI PESU

Winner of Robofest 24-Hour Hackathon (11/2021)
Conducted by IEEE RAS PES University

Successfully Completed Datathon 2.0 (04/2022)
Conducted by MahilAI PESU

ORGANIZATIONS

MahilAI Club, PES University (04/2022 - Present)
Research Team Member

The Embrione Club, PES University (03/2022 - Present)
Domain Specific Mentor for IoT and Robotics

The Alcoding Club, PES University (12/2021 - Present)
Technical Member

CSR Club, PES University (12/2020 - Present)
Student Volunteer

CERTIFICATES

Internet of Things Workshop (09/2021)
Conducted by IoT center, PES university

The Introduction to Web Development (03/2021)
Course provided by PES I/O

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Kannada
Native or Bilingual Proficiency