

Harikrishnan H

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CAREER OBJECTIVE

Aspiring Computer science student with a knack in programming. Excited to create new projects and try out new tech and fields. Interested in working with people in teams. Seeking an opportunity to utilise technical skills in a dynamic environment.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
Btech in Computer Science Engineering	College of Engineering Perumon	7.98 (Current)	2024- Present
Class XII	Sree Gurudeva Central School	93.4%	2021
Class X	Sree Gurudeva Central School	92.6%	2019

TECHNICAL SKILLS

- **Web Development:** HTML5, CSS, JavaScript, Tailwind/CSS, SaSS, React, Vite, Node.js, Flask
- **Database Management:** MySQL, MongoDB
- **Programming languages:** Python, C, JavaScript, Java, SQL, GDScript
- **Version Control (Git, GitHub):** Familiarity in using version control
- **Data Structure and Algorithms:** Have good knowledge of data structures and algorithms

PROJECTS AND WORK EXPERIENCE

Snake Game Infinite

August 2024

Hackathon

[Link](#)

Developed a multi-platform game for Web, Android, and PC using Godot Engine and GDScript. The game includes a user-friendly interface with instructions, a dynamic scoreboard, responsive character control, and random generation of space objects.

3D portfolio Website

July 2024

Side Project

[Link](#)

Led the creation of a dynamic 3D website. Customized the design and content, implementing complex features using React, Three.js, and Tailwind CSS.

Patient-Doctor Consultancy Website

June 2024

Freelance Work

[Link](#)

Designed a responsive full-stack website using Node.js, Python, Flask, and MySQL. The website streamlines patient-doctor communication. It allows patients to request appointments and schedule meetings via Google Meet links.

Book Ordering System

May 2024

Freelance Work

Developed the back end for a book ordering system by utilizing Python, Flask, and MySQL for efficient data management and smooth operation. Additionally, modified the front end to develop a responsive user interface.

Pikachu Web Extension

January 2024

Side Project

[Link](#)

Created a simple web extension driven by curiosity about add-on functionalities. This extension displays Pikachu images from the internet and generates random quotes.

Solar Predict

September 2023

Hackathon

[Link](#)

Developed a machine learning model that predicts future power output of solar panels based on weather data, and other factors. Utilized Pandas, NumPy, and TensorFlow/Keras for creating the model and achieved an accuracy rate of 92%.

SOFT SKILLS

- **Analytical Skills:** Analytical thinking, Critical thinking, Attention to Detail
- **Problem Solving:** Decision making, Resourcefulness
- **Team Skills:** Team collaboration, Intermediate interpersonal skills, Verbal communication
- **Project and Management Skills:** Project Management, Agile Development, Creativity and Innovation
- **Other skills:** Time management, Organizational, Basic Debugging and Troubleshooting

ACHIEVEMENTS

[Link](#)

First Price Winner, Hack with CEP

Team was awarded first prize out of 12 teams at 'Hack with CEP', a 24-hour hackathon focused on developing technological innovations.

Second Price Winner, Hack a Walk

Secured 2nd Price in Hack a Walk, a 3 hour mini-hackathon on Open Utility.

POSITION OF RESPONSIBILITY

[Link](#)

Head Coordinator of INCEPTO

Led the successful organization and coordination of the national level hackathon 'INCEPTO' at College of Engineering Perumon, overseeing logistics, team coordination, and ensuring a seamless 24-hour event's success.

Coordinator of MathVenture

Coordinated "MathVenture," a tech event centered on mathematical problem-solving. Oversaw event planning, operations, and participant engagement.

TRAINING AND WORKSHOPS

[Link](#)

StackUp by TinkerHub

November 2023

Collaboratively developed a dynamic Next.js website as part of the Stackup event organized by Tinkerhub. This project involved leveraging Next.js to create a responsive and efficient web platform.

Cyber Security and Bug Bounty

April - May 2022

A workshop focused on internet safety protocols and vulnerability assessment techniques for websites. Gained practical insights into safeguarding digital assets and learned effective strategies for identifying and mitigating online security risks.

Programmable Logic Controller

January 2022

Acquired knowledge on application scenarios, and experience in designing automated systems within material and hardware-based industries to optimize industrial processes.

EXTRACURRICULAR ACTIVITIES

[Link](#)

Organized workshops on Basics of Web Development

Founder and Facilitator of a LeetCode Problem Solving Community

Attended hackathons on various colleges

Participated in community events and meetups

Freelance projects