

M Harshith

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Summary

I am a second-year student passionate about technology and the stock market, currently pursuing a course in Artificial Intelligence and Machine Learning. As an avid problem solver, I aim to be at the forefront of innovation. I have experience in participating in and building multiple projects, both personally and as part of numerous hackathons across India. Additionally, I serve as one of the leads in the wellness and tech clubs and as a committee member of the cybersecurity club at BNMIT.

Objective:

Seeking an internship opportunity for a duration of 3 months to apply my skills and gain hands-on experience in a dynamic and innovative environment.

Education

BNM Institute of Technology BE, Artificial Intelligence and Machine Learning GPA: 9.25	Bengaluru, Karnataka 2022 - 2026
Deeksha CFL PU College PUC - 81%	Bengaluru, Karnataka 2020 - 2022
NPS Jayanagar CBSE - 91%	Bengaluru, Karnataka 2018-2020
APS Public School ICSE - 81%	Bengaluru, Karnataka 2010 - 2017

Skills & Interests

Technical skills:	Python, Java, MySQL, C++, C, Flutter, HTML, CSS, Javascript
Language:	English (Fluent), Hindi (Fluent), Kannada (Fluent), Telugu (Conversational)

Projects

Project Name: EvacuAid

Skill Set: Flutter, Python (TFLite framework), Google Firebase, Google maps api, Kotlin

Purpose: "HackFest" Hackathon organized by SAP and PSGiTech

<https://github.com/Dodo8964/EvacuAid>

Led a team to develop a centralized mobile application for natural disaster aid using Flutter. Integrated Google Maps API for sector-based mapping, TFLite model for resource allocation, and Google Firebase for user profiles and disaster control. Implemented offline radio support and a fail-safe system for disaster events, along with comprehensive pre- and post-disaster aid support system.

Project Name: Svatshyam

Skill Set: Python, Scikit Framework, Google Firebase (Realtime Database), Reactjs (UI)

Purpose: Smart India Hackathon organized by Government of India

<https://github.com/12amogha/Svatshyam>

A web application that deals with quick diagnosis and solution finding of mental health disorders employing the power of AI. Contributed towards building one of the key models that is responsible for diagnosing bipolar disorder. Furthermore, also responsible for creation and management of a real time database that included data entry, retrieval and also individuals' history while simultaneously creating the necessary UI for the user to enter their personal Information.

Project Name: Keithi**Skill Set:** Python, Google Firebase, Langchain framework, groq api, streamlit**Purpose:** "EcoEquify" Hackathon organized by IBM and BNMIT<https://github.com/Dodo8964/Keithi>

Developed an intelligent chatbot leveraging llama 3 using groq and langchain to create an intelligent agent designed to support farmers by providing real-time price alerts, weather updates, tailored crop recommendations, and fertilizer guidance based on weather patterns. The chatbot also offers insights into the latest farming trends and technological advancements.

Project Name: Turtle Controller**Skill Set:** Python, Tensorflow framework, Pyaudio**Purpose:** Personal Project<https://github.com/Dodo8964/Turtle-Controle>

Developed a machine learning model using TensorFlow to control turtles with voice commands. This involved training a Convolutional Neural Network (CNN) on a speech commands dataset, converting audio commands into spectrograms. The trained model identifies real-time voice commands to control the turtle's movement.

Leadership and Activities

TechIT club BNMIT

Bangalore, Karnataka

Role: Event Curator**Duration:** Nov 2023 – Present

Event Curator head at the Tech club of BNMIT. Responsible for designing innovative and engaging events that motivate participants to leverage their existing programming knowledge, challenge their existing knowledge, and encourage them to learn new skills and actively participate in the event.

Bloom club BNMIT

Bangalore, Karnataka

Role: Treasurer**Duration:** Apr 2024 – Present

As Treasurer of the wellness club at BNMIT, I manage finances, create quarterly financial reports, allocate funds for events, and develop financial models to maximize event profits. I also ensure compliance with financial regulations and oversee budget planning.

Hasvault club BNMIT

Bangalore, Karnataka

Role: Operations manager**Duration:** Jul 2024 – Present

As the Operations Manager of the cybersecurity club at BNMIT, I am responsible for managing the workings of the club. My duties include scheduling and managing events, allocating human and physical resources, seeing event execution, and contributing to the creation of the club's annual plan.

Achievements

Smart India Hackathon, runner-up

Government of India

Dec 2023

Hosted by the Ministry of Education's Innovation Cell, Government of India, the hackathon focused on the problem statement of self-identifying mental health status and seeking guidance for support. Our team emerged as the runner-up, surpassing over 500 competing teams from across the nation.

CodeCrunch, second runner-up

MathWorks

Apr 2024

Hosted by BNM Institute of Technology in collaboration with Mathworks, the hackathon delved in the creation of a fitness tracker application where our team secured the second runner-up position.

Prodathon, runner-up

BNMIT

Dec 2022

Hosted by BNM Institute of Technology, the hackathon explored the concept of product development where our team secured the runner-up position for developing an OCR based number plate reader.