BHOOKYA HARSHITH

B.Tech. - Computer Science & Engineering - Artificial Intelligence & Machine Learning

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BRIEF SUMMARY

As an aspiring engineer, seeking an opportunity to contribute to innovative software development in a dynamic environment and eager to apply and expand my knowledge in software development while learning from real-world challenges in facility and real estate domains driven by self-motivation and discipline and a passion for impactful technology and continuous growth.

KEY EXPERTISE

C++   C   Python   HTML   CSS   Javascript   SQL   OOPs   MongoDB   Operating Systems   Machine Learning   Git   Github   ReactJS   Java

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology   2022 - 2026
B.Tech. - Computer Science & Engineering - Artificial Intelligence & Machine Learning | CGPA: **9.12 / 10**

Sr Junior Collge,Nizamabad   2022
12th | BOI | Percentage: **97.10 / 100**

Vijay High School,Nizamabad   2020
10th | SSC | CGPA: **10 / 10**

PROJECTS

Food Sense Application

Key Skills: Python   NextJS   CSS   Flask   Machine Learning

Project Link: https://github.com/harshithnayak1506/FoodSense-Application

Developed a Food Analyzer App utilizing Random Forest algorithms, resulting in a 30% increase in user engagement through personalized healthier food recommendations.
Integrated Flask to deploy ML models with a MERN stack frontend.
Integrated a Random Forest model using CatBoost to recommend healthier food alternatives.
Added nutrition monitoring Created nutrition monitoring functionality for tracking food intake, providing detailed insights into macronutrients (proteins, carbohydrates, fats).

Elearning Platform Management

Key Skills: Python   ReactJS   CSS   OpenCV   AI

Project Link: https://github.com/harshithnayak1506/ElearningPlatform

Designed Elearning Platform system using Python, ReactJS, and OpenAI to streamline online education.
Recommending users different courses based on their learning and intererts.
Developed a user-friendly interface, enabling institutions to manage courses, assessments, and student performance seamlessly.
Integrated secure payment system using Stripe and implemented user authentication using Clerk.
Integrated an AI Assistant through GeminiAI to provide accurate responses to the user queries.

Expense Management System

Key Skills: MongoDB   Express.js   ReactJS   NodeJS

Project Link: https://github.com/harshithnayak1506/ExpenseManagment

Designed and developed an Expense Management System using MERN stack to help users efficiently track, manage, and analyze their daily and monthly expenditures.
The system provides features such as secure user authentication, category-based expense visualization, budget tracking, and detailed financial summaries.
Integrated intuitive dashboard with graphical reports(pie charts, bar graphs) for enhanced financial awareness.

ACHIEVEMENTS

- Acheived a Gold Certificate in Smart Interviews DSA Program, securing a global rank of 3562 out of 43377 participants.
- Achieved a Bronze Certificate in NPTEL's Programming with C++(OOPS) course by IIT Kharagpur, scoring 73% .
- Secured 2nd place in DATATHON(24hr Hackathon) at Muffakam Jah College Of Engineering, Hyderabad.
- Secured 1st place in a Science Fair Competition at School Level.

ASSESSMENTS / CERTIFICATIONS

Certification in Programming in Modern C++
Aggregate: 73 / 100

Key Skills: C++   OOPs

Certification in Machine Learning

Key Skills: Python   Machine Learning

Certification in Data Structures and Algorithms

Key Skills: Data Structures   Algorithms

Certification in Introduction to Large Language Models
Aggregate: 52 / 100

Key Skills: Python   Natural Language Processing   Neural Networks   Artificial Neural Networks

POSITIONS OF RESPONSIBILITY

Designing Head
I am the **Design Head** of **INTERNET SOCIETY OF INDIA**, Hyderabad at VNR Vignana Jyothi Institute of Engineering and Technolog.

CO-CURRICULAR ACTIVITIES

- Organized an event "Build and Break" at VNR Vignana Jyothi Institute of Engineering and Technology by Internet Society of India(ISOC) Academic Hub.

EXTRA CURRICULAR ACTIVITIES

- Organized an Outreach Activity in Brahmanapally, facilitating knowledge-sharing and community engagement.
- Volunteered for the Inauguration of ISOC at VNRVJIET, contributing to the successful organization and coordination of the event.

PERSONAL INTERESTS / HOBBIES

- Photo Editing
- Playing Badmintion
- Sketching
- Listening to music

WEB LINKS

- Github - https://github.com/harshithnayak1506
- Codechef - https://www.codechef.com/users/nayak154
- Other - https://leetcode.com/u/harshithnayak_154/

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: VNR Hostel, Pragati Nagar, Bachupally, Hyderabad, Telangana, India - 500090

Date of Birth: 15 Jun, 2004
Known Languages: English, Hindi, Telugu
Permanent Address: H-No: 7-90, Gangasthan Phase 1, Near Water Tank, Nizamabad, Nizamabad, Telangana, India - 503003
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