

Hi, I am T V S Vishnu Vardhan, Final Year M.Tech. student in Computer Science and Information Security from IIIT Hyderabad. I completed 2 internships as Software Engineer Intern, from Qualcomm and Backflipt. I am also interested in Web Development and have experience in Machine Learning, MERN Stack and PHP. I own a website, <https://tvsvishnu.in/>, where I host my projects.

EDUCATION

M.Tech. Computer Science and Information Security IIIT Hyderabad, CGPA : 8.59	2023 - 2025
B.Tech. Computer Science and Engineering NIT Andhra Pradesh, CGPA : 8.06	2019 - 2023
Class XII Percentage : 97.6 %	2017 - 2019
Class X CGPA : 10.00	2016 - 2017

INTERNSHIP EXPERIENCE

Interim Engineering Intern Qualcomm, Hyderabad	May 2024 - Jul 2024
<ul style="list-style-type: none">Worked as an intern in Qualcomm, Hyderabad in the Cryptography TeamDeveloped a python tool for efficiently retrieving the information and to answer the queries related to the Crypto team.	
Software Engineer Intern Backflipt, Hyderabad	Jan 2023 - Jun 2023
<ul style="list-style-type: none">Worked as an intern in Backflipt, Hyderabad in Development Team, working on building a Low Code, No Code Platform.Worked on MERN Stack, and involved in full stack development of website.	

PROJECTS

Machine Learning Projects

- Developed a Image compression algorithm using Seam Carving, where we can reduce the given image into required height and width with minimal loss of valuable information.
- Developed a Background extraction algorithm, using Gaussian Mixture Model, which takes a video and extracts background image from it. Also the background seperated video will be regenerated from this.

Web Development Project : Objective Test Software (MERN Stack)

- Implemented features like controlled access to particular users, Tests with start time and expiry time, allowing a user to take test only once, leaderboard for each test etc.
- Admin can create test, add questions and options, edit and delete the questions, add instructions to be displayed to the user, assign test to user, set timer for the test, set time window for the tests, etc.
- Tech Stack Used : React, Express, Node, MongoDB (MERN Stack).

Web Development Project : Student Information System (PHP, MySQL)

- Developed a website for maintaining student records, and daily activities of a university.
- Implemented features like Login with OTP, and processing Excel and CSV Files using PHP.
- Overview of the Project : Functionality depends on type of user, whether student or a faculty. A HoD can assign faculty, and monitor the details. Whereas, a faculty can upload attendance, marks and grades of students. Students can check their attendance and marks.
- Tech Stack Used : PHP, MySQL, apart from HTML, CSS and JavaScript.

SKILLS

Programming Languages	Python, C++, Java
Web Development	React, Node, MongoDB, PHP (Intermediate), MySQL (Intermediate), Javascript
Communication	English, Telugu, Hindi

CERTIFICATES AND COURSES

• Introduction to Quantum Computing by NPTEL (IIT Madras)	Certificate Link
• Problem Solving (Intermediate) Certificate from Hackerrank	Certificate Link
• Python Programming Course by Udemy	Certificate Link
• Complete Web Development using PHP, MySQL Course by Udemy	Certificate Link

ACHIEVEMENTS AND ACTIVITIES

- Deans Merit List Awardee, IIIT Hyderabad for the excellent academic performance in Monsoon 2023 Semester.
- Achieved a percentile of 98.88 in JEE Main 2019 and Qualified JEE Advanced 2019.
- Solved more than 600 unique Data Structures and Algorithms problems from coding platforms like LeetCode and GeeksforGeeks.
- Qualified GATE twice in 2022 and 2023. [Leetcode Profile](#) [GeeksforGeeks Profile](#)
- Team Leader of the Major Project Team in B.Tech. Final Year at NIT Andhra Pradesh.