# Vaibhav Dhirendra

Software Engineering Undergrad | Linkedin
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## EDUCATION

### VIT UNIVERSITY
Integrated M.Tech in SWE
Vellore, India | 2019 - 2024
CGPA-8.71

### PANA PRE-UNI COLLEGE
Intermediate
Mangalore, India | 2017 - 2019
Perct-76.66%

### SHARADA VIDYALAYA
High School Diploma
Mangalore, India | 2007 - 2017
CGPA-9.6

## SKILLS

### PROGRAMMING
•C++ •Java •C •Python
Technologies:
•Operating System •Blockchain •APIs
•Web Development •Chatbot •GIT
Familiar:
•Cybersecurity •Software Development
•SQL •BASH

## COURSEWORK

### UNDERGRADUATE
Data Structures and Algorithm
Software Engineering Essentials
Operating Systems
Requirements Engineering
Natural Language Processing
Database management
Software Testing
Software Architecture
Software Project Management

## TECHNICAL

### EXPERIENCE
•Ranked #4 in VIT hack under MovelAI
•Technical Mentor at Girlscript Vellore
•Part of WebDev team at Sigma Xi VIT

## LINKS

Github:// **VaibhavDhirendra**
LinkedIn:// **Vaibhav Dhirendra**
Twitter:// **@vaibhav_dh_**
Leetcode:// **vaibhav_vd**

## PROJECTS

### FISHICHAT | TwoFish Algorithm | Web Development
Feb 2023 | Vellore, India

- Designed Developed a Web Chat Application with front-end on **HTML& CSS** back-end with **Socket.io & Node.js**
- Encryption of messages is done through **Two Fish Algorithm.**
- Has a feature to encrypt each session/conversation that takes place, depending on the level confidentiality.

### COMPLAIN-O-CHAIN | Solidity | Ganache
Dec 2022 | Vellore, India

- **Complaint portal** which runs on **Blockchain**.
- Developed **Smart contracts** that validates and adds the complain block on to the existing blockchain.
- Smart contracts are developed using **Solidity.**

### DYNAMIC MULTILEVEL INDEXING | B-Tree | C++
July 2022 | Vellore, India

- Dyanamic Multilevel indexing was developed using B-tree for implementing Dictionary.
- B-tree provided fast retrieval of data from Secondary memory. It is implemented using C++.

## LEADERSHIP EXPERIENCE

### GIRLSCRIPT VELLORE | Chapter Lead
Aug 2021 – Dec 2022 | Vellore, India

- Led the team of passionate students, Helped them shape their careers.
- Enhanced Brand value and Built a **20+ member** team from scratch.

### SIGMA XI VIT | Vice-Chairperson
Jan 2020 – Dec 2021 | Vellore, India

- Guided and Encouraged students to pursue research in STEM.
- Organized and Managed **40+ member** multi-domain team.

## INDUSTRY CERTIFICATES

| | | |
|---|---|---|
| 2023 | Oracle Cloud Fundamentals | Pursuing |
| 2023 | EHE-Ethical Hacking Essentials | Issued by EC council |
| 2020 | Blockchain Fundamentals | Issued by IBM |
| 2020 | Legal Aspects of Business | Issued by VIT University |

## OTHER VOLUNTARY EXPERIENCES

| | | |
|---|---|---|
| 2021 | Student Coordinator | Sigma Xi VIT |
| 2020 | Campus Influencer | InterviewBit |
| 2020 | Sales and marketing intern | MyCaptain |
| 2020 | Event Coordinator | Sigma Xi VIT |