

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 •API
•Web Development •Chatbot •GIT

Familiar:

•Cybersecurity •Software Development
•AngularJS •MySQL •BASH

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithm
Software Engineering Essentials
Operating Systems
Human Computer Interaction
Requirements Engineering
Natural Language Processing
Database management
Software Testing
Software Architecture
Software Project Management
Computer networks

TECHNICAL

EXPERIENCE

- Ranked #4 in VIT hack under MoveAI
- Technical Mentor at GirlsScript 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

GIRLSSCRIPT VELLORE | CHAPTER LEAD

Aug 2021 – Dec 2022 | Vellore, India

- Led the team of passionate developers, Helped them shape their careers in STEM.
- 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 engage in research.
- 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	Building Chatbots-IBM Watson	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