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

Year	Certificate	Status
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

Year	Role	Organization
2021	Student Coordinator	Sigma Xi VIT
2020	Campus Influencer	InterviewBit
2020	Sales and marketing intern	MyCaptain
2020	Event Coordinator	Sigma Xi VIT