

VIGNESH S NAIK

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[GitHub](#) - [LinkedIn](#) - [Portfolio](#)

Profile

As an enthusiastic and dedicated Computer Science student, I am passionate about software development and algorithms. I possess a solid foundation in various programming languages and have gained practical experience through projects and technical roles. With strong teamwork. My goal is to join a dynamic team where I can leverage my technical expertise to drive impactful projects and foster continuous growth.

Education

B.Tech in Computer Science and Engineering	2021 - 2025
Govt Model Engineering College, Thrikkakara - APJAKTU	
Higher Secondary	2019 - 2021
TDHSS Thuravoor - Kerala HSE	
Matriculation	2019
Kendriya Vidyalaya No 1, Naval Base, Kochi - CBSE	

Skills

- **Programming Languages:** C, C++, Java, Python, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Hugo, Astro
- **Database Management:** SQL, NoSQL, Firebase
- **Blockchain:** Smart Contracts, NFTs
- **Tools:** Docker, Git, GitHub, Figma, Canva
- **Operating Systems:** Linux, Windows
- **Other:** Data Structures and Algorithms, API Development, Shell Scripting

Projects

Portfolio Website

- Developed a personal portfolio website using the Astro framework to showcase projects and skills.
- [Website](#) - [GitHub Repository](#)

xTend

- An ambulance summoning device for health emergencies.
- Implemented health emergency detection using a Pulse-oximeter sensor and a medical history record system.
- Built during the Young Innovators program (K-DISC) '22 and Samsung Solve for Tomorrow '22.
- Technologies used: Arduino, Flutter, NodeMCU, Firebase API, sensors.

Tokenization of Physical Assets

- Developed an application for tokenizing physical assets and trading them using NFTs.
- The Government can view assets and transactions to track assets and helps to detect tax evasions.
- Technologies used: React, SupaBase, Webhooks, Smart Contracts, Moralis API, Material UI.
- Front-end development ([GitHub Repository](#)), Webhooks ([GitHub Repository](#)), Smart Contracts ([GitHub Repository](#)).

Zenith

- A comprehensive fintech app to simplify financial planning for all ages.
- Built using React, Node.js, Express.js, Supabase, Material UI.
- Features include setting and achieving financial goals, prioritizing objectives, and income management.
- Built during the 24-hour hackathon Mechack '23.
- [Front-end Repository](#) - [Back-end Repository](#)

Positions of Responsibility

- Chairperson, TLE MEC 2024, the competitive coding and DSA club.
- Competitive Programming Lead, TLE MEC 2023.
- Web Admin, MACS, the association of Computer Science Engineering students.
- Project Manager, College Fresher Registration Portal.

Activities and Achievements

- Secured Top 50 in Samsung Solve for Tomorrow 2022.
- Achieved 1st position in Envisage, a national-level project presentation at Excel 2021.
- Volunteer at IDEALab, a MATLAB training program for Higher Secondary students.

Profiles

GitHub: <https://github.com/vigneshsnaik>
LinkedIn: <https://www.linkedin.com/in/naik-ji/>
LeetCode: <https://leetcode.com/naik-ji/>
HackerRank: https://www.hackerrank.com/naik_ji