

VIVEK MANOJKUMAR NAIR

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ABOUT ME

Tech-savvy Computer Science Engineering student with a passion for web/app development and software engineering. Committed to continuous learning and crafting innovative solutions to real-world challenges as a full-stack developer. Aspiring to build a successful career in software engineering, I am excited to contribute my expertise and make a meaningful impact in the technology industry.

EDUCATION

Bachelor of Technology in Computer Science and Engineering 2020 - 2024

Amal Jyothi College of Engineering (KTU), Kanjirappally, Kerala

CGPA - 9.26

- Manager's Honours Award
- Students Council University Representative

Junior College - Science with Computer Science 2019 - 2020

Vartak College of Science and Technology, Vasai, Mumbai

CGPA - 9.06

- College Council Representative

SKILLS

Technical Skills Python, Django, Flask, Web Development, App Development, C, React.js, Node.js, Express.js, SQL Server, MongoDB, Cloud Computing, SEO

Soft Skills Communication, Teamwork, Leadership, Problem Solving, Adaptability, Creativity, Public Speaking

Software Tools Adobe Figma, Adobe Photoshop, MS Office, ChatGPT, DALL-E, VMWare, Linux OS, Docker, GitHub, Docker, GCP

EXPERIENCE

Full Stack Web Developer Intern Jun 2022 - Oct 2022

aiRender Technology

Bangalore, Karnataka

- Worked on Shell Scripting and Janus WebRTC server.
- Developed an understanding of the operational flow of WebRTC packets in an in-browser video calling system.

Technical Lead Oct 2022 - Jun 2023

Google Developer Students Club

Amal Jyothi College of Engineering

- Led and Directed Technical Projects.
- Facilitated various Skill Development Workshops.

Web Developer Mar 2021 - Jun 2023

TEDxAJCE

Amal Jyothi College of Engineering

- Designed and Developed [TEDxAJCE Landing Page](#).
- Collaborated in a Team Environment
- Gained Insights into Organizational Coordination.

Web Developer
IEEE Student Branch

Mar 2021 - Present
Amal Jyothi College of Engineering

- Built and Maintained [IEEE SB AJCE Landing Page](#).
- Contributed to Team-Based Collaboration.

Co-Founder & CTO
VOSNET Technologies

Feb 2023 - Present
Kerala, India

- [Vinit Fertilizers](#) (Web Development and Maintenance)
- [Ghaida Stones](#) (Web Development and Maintenance)
- [Promptrr.io](#) (Platform Restructuring and Revamp)
- [Moonlight Logistics](#) (Web Development and Maintenance)

PROJECTS

Point of Sale System: Developed a Django-based Point of Sale (POS) system with inventory management and bill generation capabilities. Ideal for small-scale shops and commercial establishments, the system offers streamlined sales operations and enhances inventory control for an optimized shopping experience.

Emergency Healthcare Solutions System: Implemented ML model for accurate medical issue prediction. Created Telegram Bot for doctor appointments, ambulance booking, and location sharing. Successfully integrated WebRTC for seamless video calls.

Emergency Contact Directory: Developed a user-friendly Flask web app with integrated SQLite for seamless communication during emergencies. Users can register as service providers or general users, accessing contact information for fast responders, ambulance drivers, doctors, and essential personnel.

SAHI: A learning platform tailored for the speech and hearing impaired, empowering them to learn through courses delivered in sign language. This accessible platform, developed using OpenEdx Tutor, offers a user-friendly interface and diverse educational courses, providing equal access to education and fostering career prospects for all.

Nirvana: Developed an anonymous Drug Reporting system in collaboration with government entities, empowering discreet reporting and offering redeemable points as incentives. Includes location tracking of authorities for prompt responses. Utilizes REST API for seamless communication.

AWARDS AND ACHIEVEMENTS

- IEEE SB Knockout WINNER *FISAT, Thrissur 2022*
- National Anti-Drug Hackathon WINNER *2023*
- Hack'23 2nd RUNNER UP *KMEA, Aluva 2023*
- Hackatly 2nd RUNNER UP *College of Engineering, Thalassery 2023*
- IDD National Hackathon 2nd RUNNER UP *2023*
- 3rd Prize in SemiCode - National Level Coding Competition *NMIMS, 2022*
- SDG Hackathon by EDII (Shortlisted from regional and state level) *Ahmedabad, 2023*
- Manager's Honours Awards *Amal Jyothi College of Engineering, 2023*

CERTIFICATIONS

- NPTEL - Joy of Computing Using Python *82% (Elite + Silver Medal) (04/2021)*
- CS50P - Introduction to Programming with Python by Harvard University *(12/2021)*
- HackerRank Java Certification *(09/2022)*
- ShapeAI Bootcamp on Python and Cyber Security *(07/2021)*