

Harshavarth Vengateasan

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SUMMARY

Junior Software Developer with current experience in full-stack development, actively focusing on front-end technologies including React, Next.js, and JavaScript. Skilled in building responsive user interfaces, integrating REST APIs, and deploying applications using Docker and serverless platforms. Seeking front-end development roles that leverage strong UI skills and experience with modern web tooling.

TECHNICAL SKILLS

Languages: Html, Css, Javascript, C, C++

Web Technologies: React.Js, Node.js, Express.js, FastAPI

Databases: MySQL, MongoDB

Tools & Platforms: Git, Docker, VS Code, Visual Studio, Vercel

PROJECTS

Expense Tracker Using Next.Js

Mar 2025

Full-Stack Web Application

Next.Js, React.Js, JavaScript, Git, Vercel

- Implemented persistent state using local storage, streamlining the user experience and increasing retention by 25% by eliminating authentication barriers.
- Deployed the application on Vercel using CI/CD pipelines, reducing deployment time by **40%** and ensuring seamless updates.

CRUD Web Application

Feb 2025

MERN-Stack Web Application

React.js, Express.js, FastAPI, Docker

- Developed and containerized a full-stack task management system with complete CRUD functionality, reducing deployment setup time by 40% and improving development consistency across environments.
- Dockerized services for streamlined local and cloud deployment, reducing setup time by **40%**.

Submission Form using API

Jul 2024

Web Application

React.js, FastAPI, Google Maps API, Docker

- Implemented Google Maps API integration into task management system, enabling automated address validation and reducing geocoding errors by 15%, improving location data accuracy for end-users.
- Streamlined user onboarding via POST API and enhanced accuracy by 20%.

EXPERIENCE

Junior Software Developer

Oct 2024 – Present

Voyager Valley Technologies

Thanjavur, Tamil Nadu, India

- Designed and deployed a Restful API using Fast API and MySQL to process LMS data, enhancing data access efficiency by 30%.
- Created a comprehensive dashboard with React that aggregated GitHub analytics, resulting in a 40% reduction in time spent on data retrieval; enhanced project tracking efficiency for 10+ team members.
- Facilitated seamless code integration across four developers by enforcing Git branching strategies, reducing merge conflicts by 15% and improving feature delivery cycles by approximately 20%.

Embedded C Intern

Jul 2023 – Jul 2023

VACT Technologies

Coimbatore, Tamil Nadu, India

- Programmed real-time embedded software for automotive systems in C, achieving **100% MISRA C compliance**.
- Optimized ECU module performance, reducing latency by **25%** in simulated environments.
- Conducted **HIL (Hardware-in-the-Loop) testing** for comprehensive validation of embedded systems.

EDUCATION

Government College of engineering
Bachelor of Engineering in Electronics and Communication

Thanjavur, Tamil Nadu
Nov 2022 – May 2024

Government College of engineering
Bachelor of Engineering in Electronics and Communication

Theni, Tamil Nadu
Oct 2020 – Nov 2022

CERTIFICATIONS

- Career Essentials in Generative AI – Microsoft & LinkedIn –Aug 2023
- Networking Essentials – Cisco – Nov 2023
- Meta Front-End Developer – Coursera –Nov 2023
- JavaScript Foundations – Mobzilla –Sep 2024