Vishnu sah VT (Kanchipuram, Tamil Nadu, India)

vishnusah368@gmail.com | +91 8610193320 | LinkedIn | GitHub

Summary

B.Tech CSE graduate with hands-on experience in building web applications using React and Next.js. I have strong interest in how backend systems communicate, and Linux environments. I focus on writing clean, maintainable code and contributing to real-world software development.

EDUCATION

Dr. M.G.R. Educational and Research Institute, Chennai   **2021 - 2025**
Bachelor of Technology, CSE, CGPA: 8.26

M.L.Mamallan.matric.hr.sec.school, Kanchipuram   **2018 - 2021**
HSC +2 – 84% (2021), SSLC – 81% (2019)

PROJECTS

Task Management (Repo-link)

- This is a web app project created using React for building the UI and NextJS for performance and optimization.
- Backend API implemented using the Node.js framework, specifically NestJS.
- This web app's front-end is hosted on Vercel, and the back-end system depends on a server.
- Implemented authentication and state management to handle user sessions and task updates instantly.
- Designed and integrated a PostgreSQL database with TypeORM for secure and efficient data persistence.

Phishing Detection (Repo-link, Extension-link)

- Built a phishing detection browser extension using rule-based heuristics, content-based detection and Google Safe Browsing API.
- Designed the system to provide real-time status inside the browser with clear visual indicators (safe, suspicious, dangerous).
- If the extension detects a phishing URL, it blocks access and prevents any requests made from the browser to that site/domain.
- Designed to allow the users to block custom domains and also they can manage the blocked domains.
- Users can also view detailed, real-time network requests made from their browser.

SKILLS

Programming/Scripting Language: Python, Javascript(ES6+), Typescript.

Tools: Git, GitHub, Docker.

Web Development: HTML, CSS, React, Tailwind CSS, Next.js, NodeJS.

Database and ORM: PostgreSQL, TypeORM.

CERTIFICATES & BADGES

NPTEL: DBMS, Certificate

IBM: Python for Data Science, AI & Development, Certificate

HACKERRANK: REACT Certificate

CCNA: Switching, Routing, and Wireless Essentials Badge