

VIGNESHWARANN VIJAYAKUMAR

📞 9003998430 ✉ vicky1122003@gmail.com [in LinkedIn-Vigneshwarann](#) [GitHub-Vigneshwarann](#)

Professional Summary

Passionate software developer with expertise in MERN stack and machine learning. I enjoy building web applications and data-driven solutions that make a real impact.

Skills

Programming Languages: Python, JavaScript, HTML, CSS, SQL.

Web Development: React JS, Node JS, Express JS.

Database: MySQL, MongoDB, PostgreSQL.

Technologies and Tools: MERN Stack, Postman, GitHub.

Experience

June 2023 – Dec 2023 **Software Developer Intern**, Affexsoft – Chennai.

As an intern at Affexsoft, I developed a secure company registration system with email and mobile verification to ensure user authenticity. Additionally, I automated candidate notifications using Nodemailer and implemented JWT-based authentication to strengthen system security.

Projects

CEG Affidavits

- Developed a website for automated academic document generation, reducing manual effort by 70%, improving accessibility, and increasing user satisfaction.
- **Tech Stack : React JS, Express JS, MongoDB.**

Task Management System

- Built a Task Management System with secure JWT-based admin login, agent profile management, and task distribution via validated CSV/Excel uploads.
- **Tech Stack : React JS, Express JS, MongoDB.**

Diesel-Generator Monitoring System

- Developed a full-stack Diesel Generator (DG) Monitoring Platform using the MERN stack, designed for real-time tracking of DG performance across multiple organizations. The system supports user authentication, role-based access control, and organizational data scoping.
- **Tech Stack : React JS, Express JS, MongoDB.**

Areas of Interest

- Web Development
- Machine Learning

Education

College of Engineering, Anna University

M.Sc. Information technology (Integrated) - CGPA - 7.5

2020 – 2025

Chennai, Tamil Nadu

The Navodaya Academy

HSC - 88%

2019 – 2020

Namakkal, Tamil Nadu

Virutcham School

SSLC - 60%

2017 – 2018

Cheygar, Tamil Nadu