



VIGNESHWARANN VIJAYAKUMAR

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Professional Summary

A passionate and dedicated software developer with expertise in the MERN stack, machine learning, and deep learning. Proficient in designing and developing innovative web applications and crafting data-driven solutions. Eager to leverage technical skills and problem-solving abilities in impactful roles that drive meaningful outcomes.

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, Git, JWT, RESTful APIs.

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

Job Portal - MERN Stack

- Built a secure company registration system with email and mobile verification. Automated candidate notifications using Nodemailer, and implemented JWT-based authentication, for enhancing security.
- Tech Stack :** React JS, Express JS, MongoDB

Sentiment Analysis and Predictive Modeling

- Developed a machine learning model for sentiment analysis using the Naive Bayes classifier, enhancing accuracy. Optimized text classification by applying preprocessing techniques such as tokenization, stop-word removal, and lemmatization.
- Tech Stack :** Python

Areas of Interest

- Web Development
- Machine Learning
- Deep Learning

Education

College of Engineering, Anna University

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

2020 – Expected 2025

Chennai, Tamil Nadu

The Navodaya Academy

HSC

2019 – 2020

Namakkal, Tamil Nadu

Virutcham School

SSLC

2017 – 2018

Cheyyar, Tamil Nadu