VIJITHA VISWANATHAN

in **LinkedIn** | +91-9677850951 | **Website** | M vijithaviswanathan.k@gmail.com | **GitHub**

EDUCATION

Sona College of Technology	Salem, India
Bachelor of Engineering in Electrical and Electronics Engineering; **CGPA: 8.89/10**	**Aug 2018-Jul 2022**

EXPERIENCE

Cognizant Technology Solutions	Chennai, India
Programmer Analyst	**Feb 2023 - present**

- Providing Administrative support to grant users necessary privileges for application installation and downloads. Assisting Users in setting up their laptops and printers, whether wired or wireless and configuring both local and network printers.
- Creating Knowledge Articles (KA) materials for meetings and updating new articles for knowledge transfer purpose.

Cognizant Technology Solutions	Chennai, India
Programmer Analyst Intern	**Sep 2022 – Feb 2023**

- Got a Training in both front-end and back-end development, mastering HTML, CSS, JavaScript, and C#. Additionally received specialized training in Microsoft power Platform and Dynamics 365 and achieved certification from Microsoft in both Dynamics 365 Fundamentals and Power Platform Fundamentals.

PROJECTS

- **Speed Control of Induction motor using Renewable Energy in IOT:** Designed and configured renewable energy systems such as solar panels or wind turbines to generate power for motor operation. Implemented IOT sensors and microcontroller-based control systems to monitor environmental conditions and adjust motor speed dynamically for maximum efficiency.
- **Employee Attrition Prediction:** Implemented Python's Scikit-Learn library and analyzed diverse datasets encompassing employee demographics and performance metrics, applying classification algorithms such as Logistic Regression and Random Forest.

SKILLS, TOOLS AND LANGUAGES

Programming Languages & Tools: Python | C | C# | R | Java Script | SQL | MYSQL | VMware | Active Directory (AD) | Microsoft Endpoint Configuration Manager (MECM) | Pandas | NumPy.

Web Development: HTML | CSS.

Machine Learning: Regression | Clustering | Classification | Neural Network.

Data Visualization and Big data Technology: Tableau | Power BI | Hadoop.

Languages: Tamil | English – *All professional proficiency or above.*

ACHIEVEMENTS

- Secured **1ˢᵗ Rank** in Semester 6 at Sona College of Technology, Salem (2021- 2022)
- Awarded for outstanding performance and Efforts by Cognizant Technology Solutions, Chennai (June 2024)

LEADERSHIP AND EXTRACURRICULAR

- Served as a member in **English Club**, Organizing and conducting Fun games (2019-2022).
- Participated in National Level "**Python**" Workshop at Madras Institute of Technology conducted by Renault Nissan, Chennai (2020).
- Participated in National Level Technical Symposium and Presented a paper at "**SYNERGY 20.0**" at Government College of Engineering, Salem (2020).
- Obtained Certification on Big Data, Network, Cloud computing, Artificial Intelligence, IOT, machine Learning from **Softrix Technologies**, Salem following an enriching internship with their company (2021).
- Organized an event "**QUZONICS**" at National Technical Symposium "**EDISON-2021**".
- Attended an In-plant Training on Meter relay Testing and Control & Instrumentation in Mettur Power Station (2021).
- Attended National Conference on Recent Trends in Electrical, Electronics and Computer Engineering for sustainable Development (2022).