

Prabhu Teja Pamula

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PROFILE

Software Engineer with **2 years of experience** in developing **dynamic web, mobile, and desktop** applications. Expert in **full-stack development**. Passionate about **solving complex problems**, I focus on delivering **clean, efficient code and scalable solutions** that meet user needs.

SKILLS

Langauges: Java, TypeScript, JavaScript, Python, SQL

Frameworks: Angular, Node, Electron, Ionic, Postman, Git

WORK EXPERIENCE

Software Development Engineer - Siemens, Bangalore

June 2022 – June 2024

Versi Charge Configurator

- **Developed a powerful desktop application** using **Angular** and **Electron JS** to commission **Versi Chargers**, reducing setup time from **6 minutes to 3 minutes** and achieving a minimum setup time of **1 minute 20 seconds**, significantly enhancing user efficiency and operational speed.
- **Designed and implemented integration logic** using **Node with TypeScript**, ensuring seamless communication between the application and charger APIs for efficient data transfer and response handling.
- **Improved error handling** by implementing a sophisticated **logging system**, enabling commissioning engineers to diagnose issues independently, reducing **ticketing requests and diagnostic time by 90%**, and significantly speeding up issue resolution and commissioning efficiency.

Sifinity Setup

- **Engineered a cross-platform application** for **Versi Chargers** to ensure seamless operation across **mobile (iOS/Android)**, achieving consistent **1 minute commissioning**.
- **Spearheaded the development of bulk commissioning**, allowing multiple chargers to be configured faster with the same charger settings, **reducing commissioning time** significantly and improving efficiency in large fleet areas.
- **Implemented a unified backend system** to ensure consistent performance across mobile platforms for optimal charger commissioning.

Sifinity Fleet

- **Engineered dynamic web applications** with **Mendix**, a **Java based low code platform**, delivering **robust solutions** tailored for diverse roles, enhancing specific functionalities and workflows.
- **Developed report generation processes** using **Object Query Language (OQL)** to efficiently retrieve and report **monthly user data** for approximately **8,000 users** with multiple fields from different domains.
- **Integrated schedulers and webhooks** to **automate processes** and improve overall system functionality.

Note: Served as an external service provider at Siemens with Adept Chips Services Pvt Ltd (June 2022 to December 2023) and Team Lease Services Pvt Ltd (January 2024 to June 2024)

EDUCATION

Master of Computer Applications

2024 – 2026

Vellore Institute of Technology