

# Prabhu Teja Pamula

Hyderabad, India

+91 9642434164 | prabhutejapamula@gmail.com

## PROFILE

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**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

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**Langauges:** Java, TypeScript, JavaScript, Python, SQL

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

## WORK EXPERIENCE

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**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

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**Master of Computer Applications**

**2024 – 2026**

Vellore Institute of Technology