# KAIPU VINOD KUMAR REDDY
## (Software Engineer)

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## PROFESSIONAL SUMMARY:

   Results-driven Software Test Engineer **with** 3 years and 1 month of overall experience, **including** 1 year of Automation Testing **and** 2+ years of Manual Testing. **Proficient in** Selenium WebDriver, Java, and TestNG, **with strong expertise in** test strategy, test planning, automation framework enhancement, defect management, and CI-ready test execution. **Experienced in** Agile/Scrum environments, API testing using Postman, cross-browser testing, **and** mobile testing (Android & iOS). **Adept at collaborating with cross-functional teams to ensure** high-quality and timely software releases.

## WORK EXPERIENCE:

### Company: Halcyon Technologies Pvt Ltd  - Hyderabad     (July 2024 – Present)

### Project: Smart Lighting

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|---|---|
| **Domain** | : Internet of Things(IOT) |
| **Client** | : Big Pig |
| **Team Size** | :10 |
| **Environment** | : QA, Stage |
| **Testing Approach** | : Manual Testing (Mobile Application) |
| **Duration** | : March 2025 – Present |
| **Role** | : Test Engineer |

**Description:**

   This project is a mobile-controlled smart LED lighting system for home decoration during events like Christmas, birthdays, and celebrations. LED lights are installed in different zones and managed through a central controller. The mobile app lets users schedule on/off timings, apply built-in effects like Omni Effects, and create or save custom lighting patterns. It offers real-time control and automation, eliminating the need for manual switches or extra hardware.

### Project: Chicken Express

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|---|---|
| **Domain** | : e-commerce and food delivery |
| **Client** | : Speed Lane |
| **Team Size** | :10 |
| **Environment** | : QA, Stage, Production |
| **Testing Approach** | : Manual Testing |
| **Duration** | : July 2024 – March 2025 |

**Role**                     **:** Test Engineer

**Description:**

        This project is a food ordering system that supports both Dine-In and Takeaway services in restaurants. Customers can place orders through a POS-integrated digital menu, ensuring real-time updates of items, prices, availability, and offers. Orders are routed directly to the Kitchen Display System (KDS) and simultaneously updated in the POS for billing. The system manages table assignments for Dine-In, while Takeaway orders follow a separate workflow for efficiency. It supports multiple payment methods, generates itemized receipts, and includes a web-based app for order history, sales reports, and service-type breakdowns.

# Company: Zensar Technologies – Hyderabad      (Feb 2022 - July 2023)

## Project: CDAT-Moonlight

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|---|---|
| **Domain** | **:** HR Management |
| **Team Size** | **:** 10 |
| **Environment** | **:** QA |
| **Testing Approach** | **:** Manual and Automation Testing |
| **Duration** | **:** April 2022 – July 2023 |
| **Role** | **:** Software Engineer |

**Description:**

        This project is part Manual and Automation Testing of an Employee Management System that integrates three modules: Learning Platform, Timesheet Management, and Leave Management. The Learning Platform tracks training, certifications, and skill progress while maintaining each employee's learning history. The Timesheet Module allows employees to log work hours, assign time to tasks or projects, and generate reports for productivity insights. Together, the system centralizes employee data and streamlines workflows for better efficiency and transparency.

## Project:  Zen Fulcrum

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|---|---|
| **Domain** | **:** HR Management |
| **Team Size** | **:** 10 |
| **Environment** | **:** QA, UAT |
| **Testing Approach** | **:** Manual Testing |
| **Duration** | **:** January 2023 – July 2023 |
| **Role** | **:** Software Engineer |

**Description:**

        I executed a web-based project management application with features for budgeting and resource allocation. The system enabled users to create projects, assign employees, and track progress effectively. It supported budget calculation, fund distribution based on roles and workload, and tracking of employee working hours against project timelines. I applied logic to align time management with budget constraints,

ensuring accurate monitoring of resources. The platform delivered detailed insights into employee participation, resource allocation, and overall budget utilization.

## Skills:

- **Test Automation Tools** : Selenium WebDriver
- **Programming Language** : Java
- **Version Control** : GIT
- **Testing Frameworks** : TestNG, Page Object Model(POM), Data Driven
- **Testing Types** : Functional Testing, Regression Testing, Smoke Testing, API
- **Defect Tracking Tool** : Mantis, Jira
- **Tools** : Eclipse, Maven, Postman
- **Methodologies** : Agile(Scrum)

## Education:

- **B.E (Electronics and Communication Engineering)** in 2021 from Panimalar Institute of Technology