

# Prasanna R

## Solution Associate

Contact: +91 8124 196 681

Email: [rdavidprasanna97@gmail.com](mailto:rdavidprasanna97@gmail.com)

Linkedin : <https://www.linkedin.com/in/prasanna-david/>

Portfolio: <https://prasanna-portfolio-fx2x.onrender.com/>

## Executive Summary

Experienced Full Stack Developer with a strong record of creating and managing complex software solutions. Skilled in both front-end and back-end technologies, with a focus on delivering scalable and high-quality applications. Collaborative team player with a problem-solving mindset and a commitment to staying updated on industry trends.

## Experience

SEPTEMBER 2021 - PRESENT

**Whirldata Inc, Chennai** – Solution Associate

### Project Experience:

#### Ecommerce | Jan 2023 - Present

**Client:** Sobedecor | **Technologies Used:** PHP, Laravel 10.x, ReactJS,MySQL,Micro Frontend,Microservices Backend

- Worked on the development of strong and scalable eCommerce solutions using PHP and Laravel 10.x, implementing the MVC pattern for clear organization and easy maintenance.
- Utilized ReactJS to create dynamic and user-friendly interfaces, enhancing the overall user experience for customers.
- Implemented Micro Frontend architecture to achieve a modular and scalable front-end structure, allowing for independent development of features.
- Proactively identified and resolved technical challenges, contributing to a more robust and reliable eCommerce platform.
- Implemented an email service feature encompassing newsletter, order confirmation, and order cancellation notifications. This enhancement was designed to streamline communication processes, ensuring a seamless and efficient customer experience.

#### Wireless Technology | Nov 2022 - Dec 2022

**Client:** C3 Spectra | **Technologies Used:** Angular, Google Maps, MySQL

- Worked as a developer of dynamic and responsive web applications using AngularJS, ensuring an intuitive user interface and seamless user experience.
- Integrated Google Maps API to enhance location-based features, contributing to plotting of assets and interaction with maps.

- Implemented web applications following the MVC pattern to ensure a structured and organized codebase. Emphasized coding standards and reusability, contributing to maintainable and scalable solutions.
- Used SonarQube for code analysis, identifying and resolving issues to optimize the overall codebase and enhance project reliability.

#### **Data Tracking System | Jan 2022 - Aug 2022**

**Client: Akridata | Technologies Used: : Python Flask, Angular, Ionic, Docker,ETL pipeline**

- Worked the mobile application using Ionic, leveraging cross-platform capabilities for efficient deployment on multiple devices.
- Worked on creating custom ETL pipelines to efficiently process and manage data. Configured the cron to trigger ETL jobs based on specific time schedules, ensuring timely updates and data synchronization.
- Created a dashboard using dash plotly and implemented charts, graphs on dashboard to effectively visualize the data transfer.
- Implemented the google recaptcha v3 in the registration page.
- Integrated Keycloak's password policy features seamlessly into the authentication process of web applications and services.
- Designed and implemented reusable templates for consistent styling and layout across multiple pages, optimizing the development workflow.

APRIL 2019 - APRIL 2021

#### **Wheels India, Chennai – Quality Engineer**

##### **Project Experience:**

#### **Wind Turbine System | Apr 2019 - Apr 2021**

**Client: Vestas, Gamesa**

- Monitored field-level performance and reported on the current status and potential improvements through research and root cause analysis.
- Assisted the Supply Chain functions and monitoring outside manufactures and suppliers.
- Implementation of Fixtures and error proofing methods to Maintained Zero Defects.
- Vendor auditing and Process auditing has been done periodically to ensure the Product Quality and Vendor Development.
- PPAP documents are maintained.
- Raw Material inspection of I-Beam, Hollow section, L-angle has been carried out before machining stage.
- Also worked on New Product Development.

OCT 2018- JAN 2019

## **Flextronics, Chennai** - Electronic Technician

### **Project Experience:**

**Mobile Manufacturing | Oct 2018 - Jan 2019**

**Client: Redmi**

- Assembled and tested routine circuitry on mobile phones.
- Replacing the Damaged components from the circuit.
- Testing Sensors, RF Connectors, Power Supplies.
- Each and every component is identified with QR code, where any faulty component is found and replaced. Then, the replacement should be fed to the system to make a track on it.
- Performed failure analysis and yield enhancement analysis to support the production line.

## **Technical Skills**

<b>Language/Libraries</b>	Python, JavaScript, PHP, Node.js, React
<b>Framework</b>	Angular, Laravel, Flask
<b>Deployment Tools</b>	Docker-compose, AWS Services, Hostgator, Jenkins
<b>Web Scraping and Crawling</b>	Beautiful Soup and Selenium
<b>Databases</b>	MySQL, PostgreSQL
<b>Configuration Tools</b>	Bitbucket, Git
<b>Others</b>	Jinja2 template, ETL pipeline

## **Education**

AUGUST 2014 - MARCH 2018

### **B.E in Mechatronics Engineering**

**Chennai Institute of Technology** - Kundrathur, Kancheepuram, Tamil Nadu

**Percentage** - 74.00%

JUNE 2013 - MAY 2014

**Higher Secondary (HSC)****The Wesley's Matriculation Higher Secondary School - Kolathur, Chennai****Percentage - 71.17%**

JUNE 2011 - APRIL 2012

**Secondary School leaving Certificate (SSLC)****The Wesley's Matriculation Higher Secondary School - Kolathur, Chennai****Percentage - 76.40%**