

# Brijkumar Kamleshkuamr Patel

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## EDUCATION

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- **Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)** 2019-2023  
B.Tech (Information And Communication Technology) CGPA/Percentage: 7.48

## EXPERIENCE

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- **Intellolabs Pvt. Ltd.** Jan 2023 - Present  
*Software Engineer* Gurgaon

### Commodity Supply Chain & Machine UI Projects:

- Developed web pages with real-time data updates with customized filters for better data analysis, and added features for automated data updates and report generation.
- Generated backend scripts for Admin of an application to change commodities linked with multiple internal applications.
- Implemented thread-based code for parallel execution to enhance the speed of the Sorting Machine, allowing it to run more efficiently from a single UI.
- Implemented a recipe-based configuration feature that streamlines the process of setting parameters for sorting the commodities, enhancing efficiency in the sorting workflow.
- Added Cup test feature to test the individual cup on conveyor from UI only for Sorting Machine.
- Developed a test suite to monitor the reliability of sorting-packing machine components, built configuration pages for direct machine setting adjustments from UI only, and automated the report generation process for machine usage data to enhance operational insights.

### Data Scraping Projects:

- Re-structured data extraction scripts for products, reducing process time and increasing efficiency in scraping pricing data.
- Developed a feedback feature to track unscraped products and identify portal-side issues and for faster troubleshooting.
- Designed and developed a comprehensive data scraping project for search keyword and category data, including database design, process structuring, and report generation for two quick commerce platforms.
- Developed and implemented a comprehensive web scraping solution for quick commerce application, extracting and processing data into structured formats for analysis and consumption.
- Developed optimized, scalable code to ensure seamless data extraction, processing, and integration, enabling efficient decision-making for the team.

## PROJECTS

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- **Election Management System** January 2022 - April 2022  
The project revolves around designing an Online Election Management System.
  - List all the requirements and necessary details and process of the Election. Also prepared figma pages which provide a visual representation of how system will function and its user interface for various roles.
- **Flight Tracking System** August 2021 - December 2021  
This project is revolves around how flight tracking system will work and what requirements and inputs they can provide to efficiently manages the air space.
  - Successfully contributed to the development of a Flight Tracking System by preparing a comprehensive Software Requirements Specification (SRS) document. Designed an efficient Entity Relationship (ER) model diagram and a robust Relational Model.

## TECHNICAL SKILLS

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**Languages:** C, C++, Ruby, HTML , CSS, Javascript

**Tools and Technologies:** VS Code, Sublime Text Editor, Bootstrap, Rails, Git, Bitbucket, Wordpress, MySQL

**Coursework:** Data Structure And Algorithms, Database Management System, Object Oriented Programming, Operating System