Harshang Panchani

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▪ Work Experience

Software Developer Intern, Thingslista Automation LLP   **July 2024 – May 2025**
- Developed 5+ web applications using Python, Django, PostgreSQL with real-time CRUD functionality and JSON schema-based form builders.
- Created data visualization dashboards and reports using JasperSoft by developing complex SQL queries, improving data insights by 40%.
- Integrated industrial protocols (MQTT, S7), deployed solutions via Docker, and managed code versioning with Git for team collaboration.
- Applied strong debugging skills to identify root causes and fix errors efficiently while testing builds locally based on project requirements.

Freelance Backend Developer, Creative Web Crafters   **July 2023 – June 2024**
- Collaborated with 4-person team to deliver backend solutions for 16+ clients using JavaScript, PHP, Python with MySQL/PostgreSQL.
- Developed automated systems achieving 98% invoice generation accuracy and saving clients 15-20 hours weekly through email/Excel automation.
- Integrated Razorpay payment gateway and delivered custom CRM systems for local and e-commerce clients.
- Portfolio of completed projects available at: **creativewebcrafters.site**

RPA developer intern, Feat systems Pvt. Ltd.   **July 2023 – October 2023**
- Built 4+ automation workflows using UiPath Studio/StudioX for email processing, Excel manipulation, and PDF processing.
- Delivered RPA solutions reducing manual work by 95-97%, eliminating 15-20 hours of weekly manual tasks.

▪ Technologies

Languages : Python, Jinja2, Java, C#, .NET, SQL, JavaScript , PHP
Frameworks: Django, Spring Boot
Databases : MySQL, PostgreSQL
Tools: UiPath, Git/GitHub, Google Cloud Platform, Docker, Postman, JasperSoft
Soft Skills : Communication, Data Analysis, Problem-solving, Teamwork, Time management, Leadership
Relevant Coursework : Database Management System, Operating System, Object Oriented Programming, System development, Computer Networks, Database design, Web-development, Data Structure and Algorithms

▪ Projects

Invoice AI Manager Bot   **(Github)**
- Developed a **Python-based Telegram bot** that automates invoice processing using OCR and AI technology with 95% accuracy for text PDFs and 75% for image invoices.
- Built efficient batch processing capabilities handling up to 25 invoices simultaneously while maintaining optimal execution time.
- Implemented Google Drive integration for organized document storage and Google Sheets synchronization for comprehensive record-keeping. Created user-friendly verification interface allowing confirmation/editing of extracted data, significantly reducing manual data entry errors.

HMI Builder   **(Github)**
- Developed using **Javascript, Python and Django** to create Human Machine Interface by hardware team.
- Built this project from scratch and provided an efficient interface where User can Drag and drop Machines and manage all on Canvas. This project saved the subscription fee of company which taken by various HMI providers.
- Implemented multi-user workflow to manage multiple HMIs , each Hmi's machines and it's values. Also add a pipeline to synchronize data(like position, machine value, Axis and many more) of each machine with **PostgreSQL**.

Form Builder   **(Github)**
- Developed a tool from scratch to create a Custom form by inserting JSON schema about the form. Developed Page Builder. Main workflow contains to build a page from one or more forms which was created by form builder.Also provided feature to show multiple pages which was created.
- Implemented using **Javascript, Python and Django**. Connected to the of company's main project for availability of client.
- Built the workflow to manage all data of form schema, page schema is synchronized with Postgresql. Also developed the backend to store all the data which was inserted in various pages in categorized and manageable manner.

▪ Education

Government Engineering College, Modasa   **July 2023 – June 2026(Expected)**
Bachelor of Engineering - Computer Engineering **(CGPA-8.61)**

L.J.Polytechnic   **July 2020 – June 2023**
Diploma in Engineering - Computer Engineering **(CGPA-9.46)**

▪ Certifications

RPA Citizen Developer Foundation- Uipath

RPA Developer Foundation- Uipath