HASSAN ALI

Lahore, Pakistan
+92 309-6882551
Hassan4185767@gmail.com
GitHub: github.com/Hassan0703
LinkedIn: linkedin.com/in/hassan-ali-frappe-dev

PROFESSIONAL SUMMARY

Results-driven Frappe/ERPNext Developer (intermediate) currently completing a BS in Information Technology, with hands-on experience building and customizing production applications on Frappe v15 and v16, including commodity trade management, property management, and inventory and label-printing workflows. Skilled in DocType and workflow architecture, server and client-side scripting, custom reports, document automation, and print format engineering (Jinja2, wkhtmltopdf, ZPL). Pairs functional requirement analysis with hands-on development to ship solutions that cut manual work, with strong problem-solving ability and clear communication in client-focused teams.

TECHNICAL SKILLS

Programming Languages:
Python, JavaScript, Jinja2, HTML, CSS, C++

Frameworks & Technologies:
Frappe Framework / ERPNext v15 & v16 (Intermediate), Custom App Development, DocTypes & Workflows, Server & Client Scripting, Custom Reports, Print Formats (wkhtmltopdf)

Web Development:
WordPress (Custom Websites & E-commerce Development)

Tools & Platforms:
Git, GitHub, Linux, ZPL Label Printing, Canva (Basic Graphic Design)

Core Competencies:
ERP Customization, Document Automation, Client Requirement Analysis, Workflow Automation, Functional Consulting, Software Development

PROFESSIONAL EXPERIENCE

ERPNext Developer & Functional Consultant – Infintrix Technologies | September 2026 – Present

- **Develop and customize *Jyad Meat*, a Frappe/ERPNext v16 application for a production client, extending it with custom DocTypes, server and client scripts, and document automation**
- **Built a GS1 Intake DocType that converts barcode scan logs into Purchase Receipts, with a cancel–amend flow that reloads from the latest linked Purchase Order while keeping manual overrides intact**
- **Engineered a Final Goods Sticker module: batch-based ingredient lookup, serial log allocation, and customized HTML/ZPL label formats for different sticker types on thermal printers**
- **Implemented document auto-creation and deletion logic across linked transactions, reducing manual data entry and keeping records consistent**
- **Built a property management app from scratch on Frappe v15: analyzed client requirements, agreed the scope of work with the senior team, and independently implemented the core logic for projects, properties, offers, and the relations between them**
- **Developed custom reports for properties, projects, contacts, and offers, and implemented automated sending of offers to selected contacts with status updates based on their responses**

ERPNext Functional Consultant (Intern) – Infintrix Technologies | May 2026 – August 2026

- **Built *Trade Flow*, a complete commodity trade management app on Frappe/ERPNext v16: 20+ custom DocTypes spanning procurement, logistics, landed cost, Letter of Credit trade finance, and sales**
- **Developed custom print formats (HTML, CSS, Jinja2) and small customizations using client scripts, server scripts, and workflow validations**
- **Created a pixel-accurate custom print format with multi-page pagination and a dynamic QR code for an Austrian electrical firm**
- **Customized the relationship between clients and sub-clients and imported the client's business data into the system (v16)**

ERPNext Developer – Freelance | March 2026 – Present

- **Practice building custom Frappe/ERPNext v16 apps, DocTypes, and workflows through hands-on projects to deepen development skills**

Intern – Nextash Software House | September 2024 – May 2025

- **Developed and customized ERP applications using the Frappe Framework for industrial clients**

- **Built and modified software solutions in Python, JavaScript, HTML, CSS, and C++ based on business requirements**
- **Assisted in ERP configuration, testing, and debugging; collaborated with senior developers to improve performance and usability**
- **Communicated with clients to understand requirements and deliver tailored solutions**

PROJECTS

Jyad Meat – Customized ERP Application (Frappe / ERPNext v16)

- **Customized and extended DocTypes, workflows, and server and client scripts covering goods receipt, GS1 scan intake, and final goods labelling**
- **Automated Purchase Receipt creation from scan logs, document auto-creation and deletion logic, and thermal sticker printing (HTML and ZPL), reducing manual data entry**

Property Management System (Frappe / ERPNext v15)

- **Built projects, properties, and offers modules from scratch with relations between them, role-based permissions, activity logging, and dashboard overrides**
- **Created custom reports for properties, projects, contacts, and offers, plus automated sending of offers to selected contacts with response-based status updates**
- **Wrote client scripts for lease and sale offer calculations and print formats for each offer type**

Trade Flow – Commodity Trade Management ERP (Frappe / ERPNext v16)

- **Architected a 20+ DocType system covering supplier inquiry and comparison, shipments, landed cost consolidation, and Letter of Credit**
- **Implemented workflow validations, child-table logic, and permission-aware reporting**

Frappe Print Format Collection

- **Designed custom print formats using HTML, CSS, and Jinja templating for invoices and business documents**
- **Implemented dynamic data rendering, conditional formatting, repeating headers/footers, dynamic QR codes, and consistent branding**

NxT Car Rental Management System (Frappe Integration)

- **Developed a car rental web interface with HTML, CSS, and JavaScript, integrated with the Frappe backend for booking and workflow management**

EDUCATION

Bachelor of Science in Information Technology (BSIT) In Progress | Virtual University of Pakistan | 2023 – Present
Intermediate (ICS - Physics) | Apex Group of Colleges, Tagbagh, Lahore | 2021 – 2022
Matriculation (Science Group) | Society Public School, Lahore | 2008 – 2020

CERTIFICATIONS

- **Fundamentals of Agents – Hugging Face**
- **Python – Kaggle**
- **Git & GitHub – Simplilearn**
- **Linux – Cisco Networking Academy**
- **Programming Essentials in C++ – Cisco Networking Academy**
- **Web Development (Front-End) – Punjab University**
- **Spoken English – Punjab University**
- **Certified ELLT (English Language Level Test)**
- **Certified PTE (Pearson Test of English)**

SOFT SKILLS

- **Effective Communication**
- **Team Collaboration**
- **Problem-Solving**
- **Time Management**
- **Adaptability**
- **Quick Learning**

CAREER OBJECTIVE

To grow as a Frappe/ERPNext Developer in a product- or client-focused team, building scalable custom apps on Frappe v15 and v16 while combining functional insight with clean, maintainable code to automate workflows, reduce manual effort, and deliver measurable business value, while continuously deepening my technical expertise.