



MD. ZAHID HASAN

Software Developer

◆ ABOUT ME

I possess a positive mindset and have a clear and subtle vision regarding my prospect.

◆ SUMMARY

Professional Software Developer with proven expertise in both ERP development and full-stack engineering. Experienced in customizing Odoo modules across core business domains, automating workflows, and generating dynamic PDF/XLSX reports. Adept in MERN stack, API architectures, and AI/ML model implementation for data-driven decision-making. Recognized for delivering scalable solutions, optimizing business processes, and collaborating effectively in cross-functional teams.

◆ ACADEMIC EDUCATION

2017 – 2021 | **Bachelor of Science in Electronics & Communication Engineering (ECE)**
University of Information Technology & Science (UITS), Dhaka
CGPA – 3.38/4.00

◆ Work Experience:

Software Developer | Odoo ERP (v15–v18) | Metamorphosis Ltd.
| Dhaka, Bangladesh | Nov 2024 – Present

- Customize and develop Odoo modules across Purchase, Inventory, Accounting, Manufacturing, BoM, Sales, Expense, and Export LC workflows.
- Create automation flows, including auto-generated invoices and workflow triggers, improving operational efficiency.
- Build custom modules with advanced field logic (many2one/many2many restrictions, dynamic one2many trackers).
- Design SQL/ORM queries and generate custom PDF/Excel reports for business insights.
- Perform data analysis and integrate ML insights into ERP features for informed decision-making.
- Conduct unit/E2E testing, debugging, and ensure stability across modules.
- Collaborate via Git, maintaining structured version control and workflow standards.

◆ PERSONAL CONTACT



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◆ Software Skills

- **Languages:** Python, JavaScript
- **Web:** JavaScript, Python, HTML, CSS3
- **Web Services:** REST, JSON, XML, CSV, XLSX, PDF
- **Framework:** Odoo, ReactJS, NodeJS, Flask, Bootstrap, Tailwind
- **AI Framework:** OPenCV, Tensorflow, Pytorch

- **Data Analysis:** Predictive Analysis, Prescriptive Analysis, Text Analysis, Statistical Analysis
- **Database:** PostgreSQL, MySQL, MongoDB, Firebase
- **SDLC:** Agile (Scrum)
- **Tools:** Netbeans, VS code, Jupyter Notebook, Google Colab, PyCharm
- **Platform:** Windows, Ubuntu

❖ **LANGUAGE SKILL**

- English
- Bangla
- Hindi

Program: Hire and Train (Govt. Training Project)

Full Stack Developer (Intern) | Ipsita Computers PTE Ltd. | Dhaka, Bangladesh | Mat 2023 – Jan 2024

- Developed a government-led project on sales-based price analysis, implementing predictive models and AI-driven analytics.
- Built backend services using Flask, Node.js and REST APIs, integrating with React.js/Redux front-end interfaces.
- Processed large datasets, performed feature engineering, statistical analysis (ANOVA, confusion matrix, correlation matrix), and implemented ML algorithms.
- Applied machine learning techniques including K-Means, KNN, sentiment analysis, TensorFlow models, and developed recommendation systems for products, pricing, and movies.
- Developed ML-based projects: GAN image generation, student progress prediction, Titanic dataset analysis, and other AI-powered dashboards.
- Learned and applied Pandas, NumPy, OpenCV, ML pipelines, and business intelligence tools for data-driven insights.

❖ **Portfolio Highlights:**

- ➔ **Odoo ERP Projects:** Premier1888, Friendship, Classic Paint, Celestial, Adarshaw, Organik Chicken – collaborative work across Purchase, Inventory, Sales, Manufacturing, and Accounting modules.
- ➔ **Full Stack / MERN:** Natoures BD (Node.js, React, MongoDB), Crown Clothing (React), E-commerce Dashboard with REST APIs.
- ➔ **AI / ML Projects:** Sales Prediction Tool (Odoo-integrated ML), Sales Analysis Dashboard (Flask & React).
- ➔ **Front-end / Design:** Interactive dashboards, dynamic UI designs, some jQuery implementations.

For a complete list of projects and live demos, visit:

<https://personal-portfolio-01yi.onrender.com>

❖ **REFERENCES :01**

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❖ **REFERENCES :02**

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