

MD. ABIR HASAN MUNNA

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Career Objective:

Python developer and ERP Integration developer & implementer skilled in building robust and scalable applications, with expertise in ERP systems like Odoo ERP and SAP S4/HANA. Proficient in front-end technologies such as ReactJS, TailwindCSS, and Zustand, and experienced with tools and frameworks like FastAPI, Scikit-Learn, Pandas, Selenium, RPA, TensorFlow, and OpenCV. Adept at integrating ERP solutions with advanced data processing, automation, and machine learning workflows to enhance operational efficiency and scalability.

Career Summary:

Md. Abir Hasan Munna is a Python Developer and Assistant Manager at BRAC, working on Odoo ERP implementation to drive a tech-forward, efficient business environment. With over three years in Machine Learning and Data Science, he has a strong command of tools like FastAPI, TensorFlow, and ReactJS. Previously, he contributed to development at Beacon Pharmaceuticals SAP integration and co-founded A.I.T GreenEX, where he led the development of smartBin, a sustainable waste management solutions.

Special Qualification:

Technical developer & Project management in ERP implementation at BRAC, advanced Python development and FastAPI. AI/ML, IoT innovation with smartBin, full-stack expertise in ReactJS. Award-winning research and conference presentation. Integration & Implementation specialist.

Employment History:

Total Year of Experience: 4.5 yrs

1. Assistant Manager, Enterprise Applications (0.3 yr)

(1 Sep 2024 - Continuing)

BRAC Enterprise

Area of Expertise:

Odoo Development (0.2 yr)

Duties/Responsibilities: Implemented Odoo ERP to enhance operational efficiency,

streamline workflows, and support business needs. Managed production planning, manufacturing processes, BOM, BMH, accounting, fixed assets, budgeting, costing, production grouping, operations, and quality management. Ensured data integrity, system security, and optimized ERP performance for scalability. Collaborated with cross-functional teams to address business requirements, troubleshoot issues, and customize solutions. Trained staff on ERP functionalities and promoted a tech-savvy culture to drive business development and data-driven decision-making.

2. Software Engineer (1.2 yrs)

(14 Jun 2023 - 31 Aug 2024)

Beacon Group

Area of Expertise:

AIML (1.2 yrs), IoT device (0.9 yr), Python and FastAPI framework (0.9 yr)

Duties/Responsibilities:

Backend API Development & Maintenance:

Developing new API's & maintenance for Lab Server, Cloud Backup, HR & Payroll, All Machine R&D and QC, LIMS, CDS etc.

Dashboard & Apps:

Making & maintaining insightful dashboards and apps using data from in house systems, factory & SAP.

API Development & Integration:

SAP field structure API development & Attendance API development with third party systems.

Server Configuration:

Setting up Linux server for WebLogic, Oracle dB, SQL Server using Docker, Nginx, API's. Proper set up for Central Data Warehouse. Maintaining the already configured test servers.

Research & Development:

Researching proper production systems, testing & optimizing for performance & security. Using industry standard tools and technologies for development and production such as Docker, Docker Swarm, Jenkins & Ansible (CI/CD) & Testing new performance APIs with stress testing using locust.

3. IT Officer (1 yr)

(1 Jul 2022 - 1 Jun 2023)

Northern Light

Area of Expertise:

Database Management (0.9 yr), Website Development (0.9 yr)

Duties/Responsibilities:

Software Development: Designed, developed, and maintained software applications to meet organizational needs.

Database Management: Managed and optimized database systems for performance,

security, and reliability.

System Maintenance: Ensured the smooth operation and updates of IT systems and applications.

Technical Support: Provided support for software-related issues and troubleshooting.

4. AI Ambassador (1.1 yrs)

(1 May 2021 - 1 May 2022)

Socian Ltd.

Area of Expertise:

Machine Learning (1.0 yr)

5. President (1.1 yrs)

(1 May 2021 - 1 May 2022)

BUP ROBOTICS CLUB

Area of Expertise:

Robotics (1.0 yr)

6. Co Founder & CEO (2.8 yrs)

(1 Sep 2020 - 1 May 2023)

A.I.T GreeNEX

Area of Expertise:

IoT device (2.7 yrs), Machine Learning (2.7 yrs), Python and FastAPI framework (2.7 yrs)

Academic Qualification:

Exam Title	Concentration/Major	Institute	Result	Pas.Year
Bachelor of Science (BSc)	IT	Bangladesh University of Professionals	CGPA:3.22 out of 4	2022
HSC	Science	Agricultural University College	CGPA:5 out of 5	2017
SSC	Science	Gouripur R.K. Govt. High School	CGPA:5 out of 5	2015

Professional Qualification:

Certification	Institute	Location	From	To
Python Data Structures	Coursera		June 1, 2020	November 30, 2029

Career and Application Information:

Available For : Full Time

Preferred Job Category : Bank/Non-Bank Fin. Institution,IT/Telecommunication,Research/Consultancy,Other
Special Skilled Jobs

Preferred District : Dhaka, Mymensingh

Preferred Country : Bangladesh

Preferred Organization Types : ERP, IT Enabled Service, Engineering Firms, Developer

Skill:

Fields of Skill
<ul style="list-style-type: none">• Python Programmer• PHP• Software Engineering• FastAPI• RDBMS like Oracle• AWS• Automation• ReactJS• Odoo• Python and FastAPI framework

Language Proficiency:

Language	Reading	Writing	Speaking
English	High	High	High
Bangla	High	High	High

Personal Details :

Father's Name : Md. Rafiqul Islam

Mother's Name : Shamsunnaher

Date of Birth : 23 Nov 1999

Gender : Male

Marital Status : Unmarried

Nationality : Bangladeshi

Religion : Islam

Permanent Address : House-28, Road-03, Sector-04, Uttara Model TownTSO, Uttara, Dhaka 1230

Current Location : Dhaka

Blood Group : B+

Reference (s):

Name : Nandita Barman

Organization : Bangladesh University of
Professionals

Designation : Asst. Professor

