Harit Chowdhury 🔗

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Skill Summary

- **Languages:** Progress ABL, Python, Javascript
- **Frameworks:** QAD SE, Flask, Next, Express, React, Ethers, Hardhat
- **Databases:** QAD DB, Mongodb, Mysql, Sqlite
- **Soft Skills:** Proficient in data manipulation and analytics, Excellent communication skills, Strong stakeholder management

Work Experience

Oleo International   **01-2023 - present**
ERP Developer
Part of a small and expandable team, providing in-house ERP support for all divisions of TA Savery & Co.
- Automated month-end management reports, improved efficiency by reducing manual accounting tasks by 50%, decreased the waiting period by 15 days/month.
- Designed and implemented an automated shipping module for China Division, freeing up essential operations resources.
- Automated intercompany sales between China and UK divisions, provisioning UK division with complete control over the transactions, and China division with less responsibility.
- Automated multiple Transaction Management programs, objectively eliminating operator involvement as well as errors in ERP systems.
- Automated the Subcontracting and quality-assurance process for the UK division.
- Automated the intercompany sales between UK and Germany division, freeing up scant operations resources in Germany division.
- Regularly wrote triggers/validations to maintain database consistency by restricting user inputs in Transaction Management Systems.
- Regularly wrote database queries and designed small reports to help with data analysis and decision making.

IIT Hyderabad   07-2021 - 09-2022
Worked as a Research and Teaching assistant at linguistic and sensorimotor learning lab in Liberal Arts department.
Other Exposure   08-2018 - 07-2019, Summer 2017
Kaahon
Worked as a production assistant, graphic designer, copywriter, translator, and at other roles.

Projects

TopFunk   **Link | Code**
A betting app, where a lottery is run every 24 hours and the fastest user to predict the answer wins.
- Designed the front end using Next and React for easy Vercel hosting.
- Used TMA js for easy user authentication, and telegram hosting.
- Saved data using Mongodb and mongoose.
- Currently developing a smart contract for the backend to enable payment functionality.

Revbowling   **Link | Code**
A social media website where users can create accounts, make posts, like and comment on posts, and chat with other users.
- Using HTML, vanilla Javascript, and Python Flask framework.
- Saved user information, user posts, like, comment, and text messages using SQLite and SQL Alchemy
- Form validation using WTForms, and enabled profile password reset using Flask Mail.
- Implemented a live chat feature using Javascript Web-sockets.

Crypto-Jacking Analysis   **Code**
Performed data cleaning, and variable selection on a Kaggle dataset and performed K-Means algorithm on the selected variables.
- Three variables were selected through rigorous correlation mapping and sanity checks.
- Achieved 100% accuracy rate in identifying the infected computers using an unsupervised algorithm.
- In a separate approach manually performed outlier analysis, and flagged the affected computers, which achieved 93% accuracy.

Education

MA, Zakir Husain Delhi College, University of Delhi   2021
BTech., Kalinga Institute of Industrial Technology   2018

Certification

Advanced Certification Programme in Data Science, UpGrad & IIT-B   2023
Acquired data analytics and basic machine learning skills using Numpy, Pandas, Matplotlib, and Scikit-learn. **Projects:**
i. Heart disease predictor ii. Cab demand predictor iii. Lead Scoring case study