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EDUCATION

2022 - 2023 (Incomplete)
JAHANGIRNAGAR UNIVERSITY

- MSc. in Computer Science

2016 - 2021
DAFFODIL INTERNATIONAL
UNIVERSITY

- BSc. in Computer Science & Engineering

SKILLS

Languages:

- Python
- JavaScript
- Go Lang

Front-End:

- Bootstrap
- Tailwind CSS
- ReactJs

Back-End:

- Django Framework
- Odoo Framework
- Flask
- FastAPI

MEHEDI HASAN KHAN

Full-stack Web Developer | Python & Django | Odoo Developer

PROFILE

Python, Django & Odoo Developer | Full-stack Web Developer with 3.5+ years of hands-on experience in building and maintaining scalable web applications. Expert in **Python** frameworks such as **Django**, **FastAPI**, and **Flask**, and highly skilled in **Odoo customizations and module development**. Proficient in creating dynamic, responsive frontends using **ReactJS**, **Owl**, **Bootstrap**, and **Tailwind**, with solid experience in API integration, automation, and data processing using **Pandas**, **NumPy**, and **Matplotlib**. Strong problem-solver with a track record of delivering high-quality, performance-driven solutions.

WORK EXPERIENCE

Mir Info System Ltd. Software Engineer

MAY 2024 - PRESENT

- Develop and maintain web applications using FastAPI and Odoo frameworks, ensuring efficient back-end functionality and seamless integration with PostgreSQL databases.
- Implement and enhance dynamic front-end interfaces using ReactJS and the Owl framework for optimal user experience.
- Collaborate with cross-functional teams to deliver robust, scalable solutions and improve existing systems based on user feedback and emerging technologies.

W3 Engineers Ltd. Jr. Software Engineer

MAR 2023 - APR 2024 (1Y 2 M)

- STS Project:**
 - Develop backend and robust API service for Left Travel.
 - Optimized API for speed and efficiency.
 - Technologies: **Django**, **DRF**, **Redis**, **Celery**, **JWT**, **Unit Tests**, **Postgres**, **AWS (S3, DynamoDB)**, **Docker**, **Nginx**.
- Left Travel Cron Scheduler & Data Analysis:**
 - Developed Cron Job Scripts for data gathering.
 - Collaborated with data analysts for insightful analysis.
 - Technologies: **Django**, **Selenium**, **Postgres**, **AWS (S3, EFS, OpenSearch, DynamoDB)**, **Docker**, etc.
- Content Kitchen API & Dashboard:**
 - Integrated APIs with dynamic dashboard.
 - Ensured smooth communication between systems.
 - Technologies: **Django**, **DRF**, **AWS**, **Google API**, **OpenAI**, **Vue JS**, **Unit Test**, **Docker**.
- AirG Inc. Product Integrations:**
 - Collaborated on micro-service architecture for product integrations.
 - Technologies: **Perl**, **Plackup**, **Dancer2**, **MongoDB**, **MySQL**, **Flask**, **Python**, **Java**, **Spring Boot**, **Unit Tests**, **NodeJS**, **Typescript**, **Docker**, **Redis**, **Bash**.

- Next JS
- ExpressJs
- RestAPI / DRF
- Docker
- Kafka

Database & Caching:

- PostgreSQL
- MySQL
- MongoDB
- Elastic Search
- Redis
- Kafka

AWS:

- EC2
- S3
- EFS
- DynamoDB
- OpenSearch
- SQS

Library:

- Selenium
- Beautiful Soup
- Pandas
- NumPy
- Matplotlib
- Celery
- Signals
- Channels
- JWT

Version Control:

- Git
- GitHub
- GitLab
- CI/CD

OS:

- Linux
- Windows

LANGUAGES

- English
- Bengali

• Additional Experience:

- **Worked on on-demand projects** with Django Framework and Python with various frameworks like Django Management Command and Cement Framework etc.

• W3 Engineers Ltd.

SEP 2022 - FEB 2023 (6 M)

Software Engineer Internship

- Engaged in various selective projects in the initial months, spanning frameworks such as Django, Flask, Beego, ReactJs, and Express.js, fostered invaluable experience with various technologies.
- Transitioned to an ongoing project, effectively applying new found skills and contributing to team objectives.
- Collected data from multiple sources including databases, APIs, web scraping, and data feeds.
- Developed and maintained automation scripts to streamline the data collection process.
- Collaborated closely with data analysts and scientists to ensure accuracy, reliability, and timeliness of collected data.
- Proactively identified and resolved data collection issues to ensure smooth operations.

PERSONAL PROJECTS

- **Online Grocery Shop** - Django, Bootstrap, Sqlite
- **Online Library & Book Shop** - Django, Bootstrap, Sqlite
- **Online Nursery** - Django, Bootstrap, Sqlite
- **Expense Tracker** - Django, Bootstrap, Sqlite
- **Car Wash Management System** - Django, Bootstrap, Sqlite

TRAINING

- **Django Web Development** (Daffodil International University (CPC))
- **PHP with Laravel Framework** (Pencilbox Training Institute)
- **Web Design** (Foresight IT)
- **Digital Marketing** (Skill Jobs)

INTERESTS

- Learn new technology
- R&D