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📁 Experiences

Cefalo, Staff Software Engineer

Nov 2022 – present | Dhaka, Bangladesh

- Working as a Data Engineer for a Norwegian client named Greenfact.
- Successfully reduced data processing time by 75% on some pipelines by using Multiprocessing and optimizing code.
- Optimized Dockerfile that reduced build time to 50%.
- Built different data pipelines using ETL.

Brainstation-23 🇬🇧, Senior Software Engineer

Sep 2021 – Oct 2022 | Dhaka, Bangladesh

- Worked for a Norwegian client Ferdia to build a microservice and multi-tenant architecture-based web application.
- Led a team of 8 developers to write scalable code for a bus booking platform.
- Communicated with cross-functional teams regarding product and design.
- Optimized system performance by 50% using query optimization throughout the system.
- Implemented a caching mechanism using Redis, which increased performance by almost 60% in some cases.

ADN Diginet Limited 🇬🇧, Senior Software Engineer

Jan 2021 – Aug 2021 | Dhaka, Bangladesh

- Guided the product development team of 5 to achieve goals.
- Took part in system design for projects with the developer team and feature planning with the business team.
- Implemented SSO using Keycloak in a microservice-based architecture.
- Wrote Dockerfile for containerization of different services.
- Built various RestAPI implementations using FastAPI and Flask.
- Designed and implemented a billing module for a CRM project.
- Configured a report module using Apache Superset.
- Built a lead generation module using Facebook marketing API.
- Helped the team and individuals to learn better code management, linting, and version controlling.

InfoSapex Limited 🇬🇧, Senior Software Engineer

Aug 2016 – Oct 2020 | Dhaka, Bangladesh

(Joined as an Intern)

- Worked on different projects like Document Management System, Online Booking Platform, and Brac TBCP.
- Successfully implemented Elasticsearch that improved search functionality by 42%.
- Implemented Celery and CeleryBeat for Asynchronous tasks.
- Developed features in web applications using Django that was used by some top corporates in Bangladesh.
- Worked on a mobile app to make new features using Flutter.
- Optimized jQuery code that improved loading time by 20%.

🧠 Skills

Python | Django | FastApi | Prefect | Docker | Elastic Search | Celery | Redis |
AWS Lambda | Keycloak | Postgresql | MongoDB | MySQL | Git | Jira | jQuery

🎓 Education

B.Sc in Computer Science and Engineering, National University of Bangladesh

Apr 2016 | Bangladesh

Under: Institute of Science and Technology