Sourov Halder

Software Developer

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WORK EXPERIENCE (2 years)

Software Engineer (March 2021 – Present), **EPS - Easy Payment System**, Dhaka, Bangladesh
- Work with C#, ASP.NET Core, REST API, MySQL, MSSQL, Docker, and other related technologies.
- Implement new features and resolve bugs in both the frontend and backend.
- Design, develop, maintain, and manage the company's core APIs following TDD principles.
- Prepare reports and documentation for the APIs.

SELECTED PROJECTS

- **Bill Payment API** (2022 – Present) – This API facilitates convenient bill payments for users, including electricity, gas, water, telephone, and e-service bills.
- **Fund Transfer API** (2022 – Present) – This is the core banking system API. It enables users to conveniently transfer funds within the same bank and to other banks.
- **Payment Gateway API** (2021 – Present) – Integrated the following payment gateways into the system, Nagad, CyberSource, United Commercial Bank, Mutual Trust Bank, and Dutch Bangla Bank.
- **Service API** (2021 – Present) –This API grants access to transaction and profile activity history, including all profile information. I have resolved bugs and introduced new features to enhance functionality.
- **Pure Bangla to Banglish Translator** (2021 – 2022) – This is a versatile tool that converts pure Bengali text to Banglish (Bengali in English alphabet), including characters, words, and sentences of any length.
- **Fraudulent Comment Filtering** (2021 – 2022) – This application can identify fraudulent and misleading comments written in pure Bengali and Banglish forms using Machine Learning.

EDUCATION

Bachelor of Science in Computer Science and Engineering   April 2018 – June 2022
University of Asia Pacific, Dhaka, Bangladesh   CGPA – 3.26 / 4.00

TECHNICAL SKILLS & TOOLS

- **Programming Languages** – C#, Java, Python, C.
- **Areas of Expertise** – Backend Development, Database Design & Development, Server Configuration.
- **Backend Technologies** – ASP.NET Core (MVC, Web API, Razor Pages), Django, Flask, FastAPI.
- **Frontend Technologies** – JavaScript, AngularJS, Tailwind CSS, Bootstrap.
- **Database Technologies** – MySQL, MSSQL, MariaDB, PostgreSQL, Sqlite, MongoDB.
- **Cloud Technologies** – AWS (EC2, S3, CloudFront, RDS, IAM), Microsoft Azure, Google Cloud Platform (GCP).
- **Tools** – Git, Github, Github Actions, Docker, Kubernetes, Jenkins, Nginx, Linux.
- **Other Technologies** – Data Science, Machine Learning.

LICENSES & CERTIFICATIONS

- **Rest API (Intermediate) Certificate** ~ HackerRank - F8C61E5E7580
- **Problem Solving (Intermediate) Certificate** ~ HackerRank - 8A360647CBE3
- **Problem Solving (Basic) Certificate** ~ HackerRank - B62FACC83E79
- **SQL (Advanced) Certificate** ~ HackerRank - 4049957F34D2
- **SQL (Intermediate) Certificate** ~ HackerRank - 7B482C277907
- **C# (Basic) Certificate** ~ HackerRank - BC85559CA0D0
- **Java (Basic) Certificate** ~ HackerRank - 968FD9848406
- **Python (Basic) Certificate** ~ HackerRank - E630D0A9C78E

HONORS & AWARDS

- **Honorable Mention — UAP Inter Department Programming Contest 2018**
  ~ Held in December 2018 • Organized by the Programming Club, University of Asia Pacific, Dhaka
- **Fourth Place — UAP Intra Department CTF Contest 2022**
  ~ Held in April 2022 • Organized by the Cyber Security Club, University of Asia Pacific, Dhaka