Partho Protim

Career Objective

An agile and passionate coder having excellent communication skills. Looking for an organization that can exploit my utmost calibre, thereby achieve its goals and widen my scope to grow as a dexterous software engineer.

Professional Experience

Programmer   (Nov,2023-Dec,2023)
CT Health – Mirpur DOHS

> ➢ Adding/customizing features in existing applications
> ➢ Performance optimization
> ➢ Bug fixes

Freelance Developer   (2020-2023)
Various clients (Local as well as global)

Personal Software Service   (2022-present)
I am running two software services in my own venture

Some Projects

Google Drive Merge (*Spring Boot, React JS, PostgreSQL*)
If a user possesses 10 gmail accounts, he has total 15*10=150 GB cloud storage for free. But managing 10 different accounts is insane ! This web application creates a technique that virtually merges all accounts into one single account.

Payment Verification (*android*)
I devised an free alternative to bKash payment verification API. It's an android app which captures incoming SMS sent from bKash and immediately processes the data using Java Regex. Thus user gets a seamless experience.

Vocabulary Preparation App (*android*)
Published in play store. Paid app. Feature rich mobile app (both free/paid version) to hone vocabulary knowledge. Extra features are provided using external website. Language: Java. An encrypted sqlite database is shipped with app.

Web Crawler (*Java*)
I wrote a number of scripts using Java to collect data from various websites.

News Headlines Crawler (*Java*)
Collects all the headlines from 4 newspapers. A HTML page is created as showing in the screenshot attached below. That page is just a list of headlines. So that user can skim through all the headlines and read only desired news. Reading this way s/he can read all important news of the day from 4 newspapers in significantly less amount of time.

Contact

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[Linkedin Profile](#)

[Github Repositories](#)

[Stackoverflow Profile](#)

Education

Electrical & Electronic Engineering
University of Dhaka
Passing Year: 2020
CGPA: 2.82

Hands-on Experience In

Java | Spring Boot | React JS

PostgreSQL | MySQL | Firebase

AWS | NodeJS

PHP | Laravel | JavaScript

HTML, CSS, Bootstrap | jQuery

CentOS/Ubuntu | Apache, Nginx | Git

Integrating a lot of APIs & libraries

Contest

(2017)
Runner up in A2i app contest

(2018)
Participated in UAP project presentation

Yoga Instructor App
To help practice some yoga with proper timing. Also slides images of yoga stances with time.

DLP exam system of BNDR
Partial contribution. Added/modified features in Distance Learning Program and online exam system for Bangladesh Nationwide Diabetic Registry. Optimized performance, added some database tables, performed some database query etc.

E-commerce
E-commerce to sell books. A fully fledged e-commerce with all general features. Also digital copy of a book can be downloaded if available.

Web Application for Processing Vocabulary Data
Feature rich web application to process a lot of raw data about vocabulary I developed a web application which includes many editable fields for each word. Some fields have rich text editor. Finally the processed data is exported in .json format

Blood Group Searching Website
A blood group searching platform developed for Dhaka University Badhan (JN hall). Details profile of every member. Used raw php (OOP).

Education based social media
Users can search or create communities based on their institute/department name. Any user can invite members through links, similar to Google Classroom. Members receive email notifications for posted content. Users can create directories, upload files, and share links like Google Drive. A C# desktop app syncs local files. Teachers gain admin privileges in communities. All files are stored on Amazon S3. Developed with Laravel, jQuery, MySQL

Expertise As A Service
Video conference managing platform for Dhaka University Distance Learning Theatre program. Contributed as a developer.

Bangladesh Electronics Olympiad
Added and customized some features. Modified database, wrote some database query to improve functionality.

Enlightened Farmer
Weather forecasting system for village farmers so that they can take precautionary steps against forthcoming adverse weather condition. Used weather underground API to get 7 days weather data. Then scrapped their website to grab 15 days weather data. Integrated SMS API to automatically send forecast via SMS.

App for Facebook Platform
Developed 2 fun apps for facebook platform. Also another app that queries database and posts processed text with image (image is created using php) to facebook page using Graph API