Mehedi Hasan Shifat

Junior Software Engineer

Love to write code, learn core & fundamental concepts, accept challenges, solve real world problems

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WORK EXPERIENCE

Junior Software Engineer
Dynamic Solution innovators Ltd. ⬈

03/2022 - Present   *Mohakhali DOHS, Dhaka, Bangladesh*

Achievements/Tasks

– build large scale **SpringBoot** applications which provide solutions for managing and **automating** campaign and target based user interaction through custom designed email, sms and advertisement services and handles **millions** of user data

– make **scalable** restful CRUD api services with spring framework where multiple databases are engaged and communicating multiple **micro-services** with each other

– write complex and highly efficient **mongo** and **postgres** queries using Java **Criteria** Api and **JDBC** which **reduced** data fetch time for analytical data and report generation

– work on custom **editor** which is used to create custom designed mail with **ReactJs**

– **dockerize** multiple **SpringBoot** and **node** applications, write **bash scripts** and **automate** the deployment process by creating **CI-CD pipeline** through **Jenkins**

– responsible for project **deployment** and **maintenance** in multiple **linux servers**

Software Engineer Intern
Dynamic Solution Innovators Ltd. ⬈

09/2021 - 02/2021   *Mohakhali DOHS, Dhaka, Bangladesh*

Achievements/Tasks

– build **resume parser** using **python** to extract information like name, phone no, profile picture, email address, github profile, linkedin profile, project links etc for a application tracking system which could predict with **80% accuracy**

– integrated new features in DSi Employment Management System by **requirement analysis** from HR and management levels. Here I've used **Jersey** (JAX-RS) for writing creating **RESTful APIs** which basically calculate some statistical data and generate **reports (pdf,xlsx)** on them for HR and Management Level roles

– **automated** the process of generating appointment letters and offer letters for new employees and HR roles using **IText** in java

– write effective and efficient **postgresql** and mssql queries using **Hibernate** and **JDBC** API

Software Engineer
Logiqbits ⬈

05/2021 - Present   *Niketan, Gulshan-1, Dhaka 1212, Bangladesh*

Achievements/Tasks

– worked on the MyBebsha **android** application of mybebsha.com platform

– used **Figma** for design, **Flutter** to build frontend and **Firebase** for **push notifications**

– follow **bloc pattern** for project architecture, fetch data from **Restful API**s which follows **microservice architecture** and used **bloc** as well as **cubit** for **state management**

– responsible for managing app testing and release in **playstore** console

EDUCATION

B.Sc (Eng) In Software Engineering
Shahjalal University Of Science And Technology, Sylhet

02/2018 - Present   *CGPA : 3.31 (up to 7th semester)*

SKILLS

Springboot   ExpressJs   React   Flutter

Javascript   C   Java   Docker

OPEN SOURCE PROJECTS

Ubuntu Launcher (09/2020 - Present)

– It is a simple and fast **Android Custom Launcher** that provides look and feel of **Ubuntu** in a mobile devices.(The launcher earned **240+ stars** on github). Its available on F-Droid and source code on Github.

– Tech Stack : **Flutter** | Native Code (**Java**)

cp-tool (01/2021)

– cp-tool is an auto generator (**python package**) for solved problems at different online judges. It gathers all the problems one has solved at online judges and generates a git repository (for now it generates from **codeforces** only). Published on pypi.org (The Python Package Index).The source code has 35+ stars in github.

– Tech Stack : **Python3**

VS Code Config

– Its actually a **VS Code** setup and config project to help competitive programmers. The **tasks.json** config fille will take input from input.txt file and show output on output.txt file and code will run using a shortcut key map **ctrl+shift+b**. In **Lnux** it will also show program analytics such as time, memory etc. [Source Code On Github]

ACHIEVEMENTS

Google Foobar Invitation (passed level 2) (03/2021)
*Google gives a secret coding (**problem solving**) challenge based on user's search history on google.com.*

LANGUAGES

Bangla
Native or Bilingual Proficiency

English
Limited Working Proficiency

INTERESTS

System Design & Archirtecture

Machine Learing   Blockchain   Clean Code

Blogging