Tanvir Hasan

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Employment

Codemarshal

SOFTWARE ENGINEER

Dhaka, Bangladesh
July 2018 - Present

Responsibilities:

1. Successfully developed an online exam preparation system backend api.
2. Coordinated a team to developed a Gis solution for tracking and measuring fintech companies region based financial status.
3. Worked on loan management system application and organized the frontend React team to collaborate with backend team.
4. Designed an online examination system and successfully coordinated the team to develop this system.
5. Created a React presentational component library used by multiple projects, showcased by a style guide app, added tests, prepared documentation, built CI/CD pipeline to publish as private NPM package.
6. Contributed in building a library of reusable Django apps, added tests, prepared documentation, built CI/CD pipeline to publish as private PyPi package.

WellDev Bangladesh

SOFTWARE ENGINEER

Dhaka, Bangladesh
December 2017 - June 2018

Responsibilities

1. Built a Solidus powered eCommerce system.
2. Designed an api based CRM system that communicates between two systems to keep data in sync.
3. Enforcing TDD and high code quality.
4. Established peer code review checklist practice.

Nascenia IT

JUNIOR SOFTWARE ENGINEER

Dhaka, Bangladesh
June 2016 - November 2017

Responsibilities:

1. Successfully improved a bulletin broadcast system. And deployed to heroku.
2. Enhanced a cloud based project management system and boosted it's fronted performance.
3. Developed an online mobile payment system backend and deployed to AWS.
4. Developed an online mobile payment system mobile app using 'React-native'.
5. Integrated Stripe payment gateway.
6. Integrated Sms and Email service.
7. Write deployment script using Capistrano.

Education

University of Asia Pacific

B.S.C IN COMPUTER SCIENCE AND ENGINEERING

Dhaka, Bangladesh
2012 - 2016

- Completed graduation in April, 2016 with CGPA 3.41 (Scale of 4)

Language Skills

English

SECOND LANGUAGE

Understanding: **B2** , SPEAKING: **B1** , Writting: **B1**

Core Qualification

1. 2.5 years of development experience with **Django** .
2. 3 years of development experience with **Ruby on Rails** .
3. 2 year of development experience on **GIS** application.
4. Solid understanding of javascript and hands-on experience of **ReactJs** , **Redux** , **Jquery** and **LeafletJs** .
5. Specialized in **REST API** .
6. Proficient with **ElasticSearch** , **Celery** , **Redis** , Mysql, and **PostgreSQL** .
7. Good understanding of Vagrant and **Docker** .
8. Experience of eCommerce solution **Spree/Solidus** .
9. Have a strong ability of code maintainability with **Git** .
10. A knack for writing clean, readable, maintainable code.
11. Have a strong habit of writing test code with **Unittest** , **Rspec** and Jest.
12. Strong knowledge in classical **algorithms** and **data structures** .

Achievements And Programming Contest

HACKATHON

- **Winner - Best in Nonprofit Program & Service Delivery**, Amazon Raise-up Buildathon in August 2020, Devpost.
  - Project: **voluntree.ml**
- **Third Runner-up**, Redis 'Beyond Cache' Hackathon in June 2020, Devpost.
  - Project: **Voluntree**

ONSITE PROGRAMMING CONTEST

- **Placed 26th**, IUT Inter University Programming Contest in 2015 Dhaka, Bangladesh.
- **Placed 20th**, Buet Inter University Programming Contest in 2015 Dhaka, Bangladesh.
- **Placed 16th**, National Collegiate Programming Contest in 2015 Rajshahi, Bangladesh.
- **Placed 29th**, ACM ICPC Dhaka Regional in 2015 Dhaka, Bangladesh.

ONLINE PROGRAMMING CONTEST

- Solved 300+ problems in Codeforces, User Id: ImagineWarrior (1718 Highest Rating)
- Solved 200+problems in CodeChef, User Id: tanvir002700
- Solved 50+ problems in HackerRank, User Id: tanvir002700(1924 Highest Rating)
- Solved 800+ problems in UVA online judge, User Id: ImagineWarrior

Notable Experience

- Trainer of UAP programming club.
- Arranged 10+ onsite and online contest for CSE student, Uap.
- Problem setter for Uap Intra University programming contest 2014, 2015.
- Judge of National High School Programming Contest, 2016.
- Judge of programming contest SEU CSE FEST, 2016.
- Judge of UITS inter university programming contest, 2019.