

# Tanvir Hasan

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## Employment

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### 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 developed 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 developed a bulletin broadcast system. And deployed to heroku.
2. Developed a cloud based project management system.
3. Developed a online mobile payment system backend and deployed to AWS.
4. Developed a 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

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### 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)

## Relevant Skills

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**Programming Languages:** Proficient in C++, Python, Ruby and JavaScript. Also know Java.  
**Proficiency:** Have good knowledge in classical algorithms and data-structures.  
**Framework:** Ruby on Rails, Django  
**Frontend Library:** JQuery, ReactJs, Leaflet, D3  
**Database:** Mysql, PostgreSQL,sqlite  
**Version Control System:** Git, Mercurial  
**Tools:** Vagrant, Docker, Asterisk

## Achivements And Programming Contest

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### HACKATHON

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

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- 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.

## Training

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- Participated at BAPS BUBT Programming Training Camp – 2012
- NHSPC mentor's Camp – 2016