Tanvir Hasan

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Employment

WellDev Bangladesh   *Dhaka, Bangladesh*
SOFTWARE ENGINEER   *December 2017 - Present*

Responsibilities:
- Responsible for developing web application using 'Ruby on Rails'.
- Requirement analysis, planning and communication with client.
- Server provisioning and deployment.

Nascenia IT   *Dhaka, Bangladesh*
JUNIOR SOFTWARE ENGINEER   *June 2016 - November 2017*

Projects:
- Plexina: It was clinical Health related solution and knowledge based project. My key responsibility was maintaining and developing its backend api section.
- Cribber: It was a bulletin broadcast system. My key responsibility was developing its api.
- WoWClowd: It was cloud based project management system. Its communicate with WoW Tester device and store data in WoWClowd web. And Web generate and provide necessary data, reports etc. to WoW mobile app. My key responsibility was maintaining and developing its new feature in WoWClowd web using 'Ruby on Rails'.
- FlxPay: It's third party api based, online payment system. My key responsibility was developing its backend with 'Ruby on Rails' and developing its mobile app using 'React-native'.

Education

University of Asia Pacific   *Dhaka, Bangladesh*
B.S.C IN COMPUTER SCIENCE AND ENGINEERING   *2012 - 2016*

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

Undergraduate Thesis

Form segmentation, Recover and Regenerate in English and Bangla using Tesseract OCR Engine.

Our thesis represent a form in many valid segments. Recover and regenerate Bangla and English data from those segments, and make a valid digital form same as original form.
Thesis source code and paper: **goo.gl/axbZFM**

Relevant Skills

Programming Languages:	Proficient in C++, Ruby and JavaScript. Also know Java, Python.
Proficiency:	Have good knowledge in classical algorithms and data-structures.
Framework:	Ruby on Rails, React.js, React-native.
Database:	Mysql, sqlite
Version Control System:	Git, Mercurial
Tools:	Vagrant, Docker, Ansible

Programming Competitions

ONSITE PROGRAMMING CONTEST

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

Academic Project

- **Chat Messenger**
  System to chat with multiple person through local network. Programming language used: java socket programming
- **University Routine Management System**
  An online system to generate whole dept. class schedule with room distribution. It was a Group project. I am design and implement the algorithm of this system. Programming language used: PHP, java script, Database: MySQL
- **Codeforces Events**
  A desktop application for Codeforces upcoming contest schedule. Programming language used: Python, GUI: TkInter, API: Codeforces public api.

Notable Experience

- Trainer of UAP ACM.
- Arranged 10+ local and Real time contest for CSE student, Uap.
- Problem setter for Uap Intra University programming contest 2014, 2015.
- Problem setter and work as a judge of National High School Programming Contest, 2016.
- Problem setter and work as a judge of Programming contest SEU CSE FEST, 2016.

Training

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

References

Masud Rana

Principal Software Engineer

Nascenia It

Dhaka, Bangladesh

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Md. ShipluHawlader

B.Sc.(Hon's), MSc. (DU)

Lecturer of CSE department at University of Dhaka

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