

Avik Sarkar

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To lead a challenging career and be a part of progressive organization where I can enhance my skill and knowledge along with the company's goals and objectives.

Work Experience

Samsung R&D Institute Bangladesh, Dhaka

September, 2018 ~ Present

Role: Lead Engineer

Responsibilities

- I test, analyze and report bugs on Samsung Experience Services which is a cloud based IoT service.
- I write UTC, ITC and test suites from several scenario to verify system's compatibility, performance etc.
- I write automation script (*Python*) whenever required to speed up execution process.
- I contribute Samsung's innovation area by initiating new business and patent idea.

Achievements

- SRBD Icon of the month, Jan ~ Feb 2020
- Samsung SW Professional Level Certification, Sep 2021
- SRBD Icon of the month, Nov ~ Dec 2021
- SRBD Best Document of Invention, Jul ~ Dec 2021

Education

2013 - Present

B.Sc. ENGINEERING in ICT Comilla University, Comilla
CGPA - 3.73

Relevant Skills

Languages

C/C++ (Intermediate to Advance) , **PYTHON** (Intermediate)

Version Control System

GITHUB

Project Management Tool

JIRA , **CONFLUENCE**

Framework

UNITTEST (*Python*)

Programming Competitions

ONSITE PROGRAMMING CONTEST

- 2018 **Placed 3rd**, CoU CSE Fiesta 2018 Inter University Programming Contest, Comilla
- 2018 **Placed 6th**, EDU Engineering Day 2018 IUPC, Chittagong
- 2017 **Placed 19th**, CUET National Collegiate Programming Contest, Chittagong
- 2017 **Placed 2nd**, USTC TechTronics'16 Inter University Programming Contest, Chittagong

ONLINE PROGRAMMING CONTEST

- Codeforces : ssavi (max. specialist, 1492), (Solved 713 Problems)
- HackerRank : ssavi (max. 2001), (Solved 105 Problems)
- Codechef : ssavi (max. 1935), (Solved 120 Problems)
- UVa : ssavi (Solved 520 problems)
- LightOJ : 16466 (Solved 153 problems)

Academic Projects

• Bengali Text Summarize

Details: A tool that takes a bangla text as an input via url and produce summary.
Tools: Python.

• Online Admission System

Details: An online based enrollment platform designed for university admission system.
Tools: HTML, CSS, PHP, JavaScript, MySQL.

Publications

2018 Avik Sarkar, Md. Sharif Hossen. **AUTOMATIC BANGLA TEXT SUMMARIZATION USING TERM FREQUENCY AND SEMANTIC SIMILARITY APPROACH** , DOI : 10.1109/ICCITECHN.2018.8631934, 21st ICCIT

Notable Experiences

- Problem setting in several online and onsite contests.
- Arranged several contests in University.
- Performed as a mentor of junior contestants of University.