TANYA SETHI

Software Engineer

✉ tanya.sethi1996@gmail.com

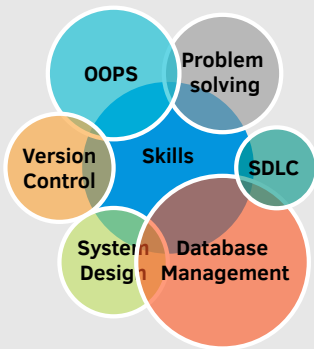in /in/tanyasethi

🌐 tanyaSethi.github.io

TanyaSethi

Skills

Overview

Extra Curriculars

Spotfix - BMSCE - Participated in cleanliness and restoration drive organised by Protocol Club, BMSCE.
NGO Enable India - Served as a volunteer for the organisation focused on uplifting disabled individuals.
Events - BMSCE - Organised various inter and intra college events in college fest UTSAV .

Education

2015 - 2019   **B.E., Computer Science Eng. (CGPA: 9.04/10.0)**   BMSCE, Bangalore

Relevant Coursework: Analysis and Design of Algorithms, Data Structures in C, Operating Systems, Java Programming, Software Engineering, Computer Networks

Experience

July 2019 - Ongoing, **Software Engineer, Target Corporation**

- Designed and Developed multiple microservices for Supply Chain warehousing space.
- Developed an automated system of renewal of SSL Certificates for Target.
- Took up responsibilities of fixing long lived stability fixes in legacy systems.
  Tools/Concepts/Tech: Software Design, C, Java, SQL Databases,

January - June 2019 (6 months), **Technical Intern, McAfee**

- Developed monitoring and health check components for HAProxy in different deployment modes. The troubleshooting scripts uses the stats socket provided by HAProxy to fetch the statistics.
  Tools/Concepts/Tech: Python, BASH Scripting, Networks

June - July 2017 (2 months), **Software Development Intern, Happily Unmarried Pvt. Ltd.**

- Developed an Intelligent Facebook Messanger Chatbot for USTRAA facebook page implementing the database in open source Keystone framework. Configured API.AI for intelligence in the bot.
  Technologies: NodeJS, MongoDB, Facebook Graph APIs, HTML/CSS

Projects

Delay the onset of Alzheimer's in Elderly using Virtual Reality

- A VR utility dedicated towards increasing the mental activity of the user - by assessing if they can retain a set of instructions and follow them properly without needing to repeat that instruction.
  Demo: https://tinyurl.com/project32
  Implementation Paper: https://tinyurl.com/paper487

Smart Restaurant

- Developed a working model which automates the food ordering system, food delivery to respective tables.
  Tools and Technologies: Arduino Uno, Sensors, Bluetooth Communication. Github: goo.gl/7HX3JC
  Demo: https://youtu.be/DIH5YJOvsIg

Music Sharing Android Application

- Developed an Android application that lets users play, share music in real time, form peer groups with people with similar tastes.
  Tools and Technologies: Java, Firebase, Android Studio
  Github: goo.gl/LvJEeJ

Achievements

Coordinator - Tech Team, BMSCE

- Led the Tech Team of BMSCE from 2017 - 2019. In the tenure, organized events and coding competitions in the institute and mentored a team of college juniors.

Linkedin Hackathon - 2017

- Finalist in Linkedin Hackathon, selected among top 52 girls across India.