TANYA SETHI

Software Engineer

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Github: TanyaSethi

Skills

System Design
Data Structure, Algorithms
OOPS
Frameworks/Tools - Node.js, Spring-Boot, MySql, MongoDB, Git
Container Management Technology - Docker, Kubernetes

Extra Curriculars

Obstacle Avoiding Bot - Built an obstacle Avoiding robot car using Arduino Uno.
Demo - https://rb.gy/ayoozo
Remote controlled Car - Built a smartphone controllable robot car using Arduino Uno and bluetooth.
Events - BMSCE - Organised various inter and intra college events in college fest UTSAV.
Demo - https://rb.gy/ehgfzp
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.

Education

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

Relevant Coursework: Algorithms, Operating Systems, Computer Networks

Experience

June 2019 - Present, **Software Engineer, Target Corporation**

- Designed, developed multiple microservices for Inbound warehousing, Supply Chain.
- Developed a system of better visibility and renewal of SSL Certificates.
- Fixed long lived stability fixes in legacy systems and modernized few applications.
- Secured 3rd position in Secure Code Warrior Competition among 180 members.
  Tools/Concepts/Tech: System Design, Java, Spring, C, SQL, MQs, Kafka

January - June 2019, **Software Development Intern, McAfee**

- Developed monitoring and health check components for HAProxy using the stats socket provided by HAProxy to fetch the statistics.
  Tools/Concepts/Tech: Python, BASH Scripting, Load Balancing, Networks

June - July 2017, **Software Development Intern, Happily Unmarried Ltd.**

- Developed a facebook messanger Chatbot for USTRAA facebook page. 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/Virtual-Reality-paper

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.
  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

Pyramid Award, Target - 2020

- Received Target Technology Supply Chain Pyramid Award for applying multiple hot fixes which saved several percent impacts on warehouse buildings

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, among top 52 girls selected across India.