

Akshit Gandhi

I am passionate about learning new things and equally excited to implement what I have learnt for the benefit of mankind. Being a tech enthusiast I want to do something which will change our future.

✉ akshitgandhi999@gmail.com

☎ +91-9892558009

📍 Mumbai, India

🌐 www.github.com/akshitgandhi

WORK EXPERIENCE

Intern

e-Yantra IIT-Bombay

05/2016 – 07/2016

Mumbai, India

Embedded Systems Real Time Lab in IIT-B

Achievements/Tasks

- Develop a platform for Autonomous Ariel Vehicles (Research & Implementation)

Contact: Prof. Kavi Arya – IIT-Bombay CSE Dept

Student Trainee

Samsung Research Institute Bangalore-India

05/2017 – 07/2017

Achievements/Tasks

- Develop a Obstacle Sensing Robot based on Tizen Operating System.

Contact: Mr. Pintu Agarwal - Principal Engineer SRIB Kernel/BSP Team

PERSONAL PROJECTS

Autonomous Drone (05/2016 – 07/2016)

- Developed a Autonomous Drone that can execute a given mission, a set of waypoints in the form of GPS co-ordinates and execute various tasks at those points.

Home Automation System (09/2016 – 11/2016)

- Developed modules that help to turn normal electrical appliances like AC, geyser smart by controlling them remotely from anywhere.

Whatsapp Chatbot (07/2016 – 08/2016)

- A simple cloud deployed chatbot that responds via Whatsapp. The bot gives weather information, traffic information, etc.

Smart Door Camera (09/2016 – 12/2016)

- A smart door camera that can be placed outside the house which will constantly check for any person/activity outside the house and notify the house owner through SMS, WhatsApp & Phone Call.

Asset Trackers (09/2016 – 12/2016)

- Bluetooth Low Energy beacons in the form of keychains which can be attached to objects and a app to track them was also made.

Clipper Co. (04/2017 – Present)

- Made a clipboard and keyboard sharing Desktop and Android app. This project was the winner at Mumbai Hackathon 2017.

EDUCATION

B.Tech

V.J.T.I

07/2014 – Present

8.80 upto SEM V

H.S.C

A.A.V.P Junior College (2012-2014) - 87.07%

S.S.C

Infant Jesus School (1999-2012) - 90.55%

SKILLS

Embedded Systems: Arduino, Raspberry Pi, KK multicopter, ArduPilot, Intel Edison, ESP 8266.

Application Dev: Apache Cordova & Adobe PhoneGap, Tizen Studio.

Tools/Others: Mission Planner GCS, Atmel Studio, CodeBlocks.

Web Technologies / Protocols: HTML, CSS, Servlets, JSP, MQTT.

ACHIEVEMENTS

Winner: eYRC 2015 Hazardous Waste Disposal Theme (08/2015 – 03/2016)

Winner of the pan India Robotics Competition, where I had to develop a Hazardous waste disposal robot based on the given constraints and problem statement of the competition.

Winner: UNICUS 2016 (12/2016 – 03/2017)

Won a Business Plan competition

Winner: Mumbai Hackathon 2017 (04/2017 – Present)

Developed Clipper Co for Windows, Linux, Mac and Android.

Tizen Open Source Contribution

Contributed the code for SRIB internship to Tizen Developer community which made it the first contribution in Tizen for Robotics.

Semi Finalist at Annual BPlan competitions of IIM-Ahmedabad, IIM-Calcutta.

Finalist at AAKAAR IoT Competition IIT-Bombay & Upstart Pioneer Techkriti IIT-Kanpur (03/2017)

ORGANIZATIONS

e-Yantra IITB (08/2016 – Present)

Alumni body member

LANGUAGES

C	●	●	●	○	○
C++	●	●	●	○	○
Java	●	○	○	○	○
Python	●	●	○	○	○

INTERESTS

Robotics

Music

IoT

Games

Standup Comedy

Reverse engineering