Ankit Jangid

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An engineering student who enjoys learning various subjects the domain entails. Currently specifically interested in Engineering Design affiliated work.

PROJECTS WORKED ON

Raspberry Pi 4 Active Cooling Case - I designed and 3D printed a case enclosure for the latest Raspberry Pi 4. I used SolidWorks to simulate real-world fluid and heat flow analytics. And on constant development and tweaks finalized a close to perfect case design for optimum functioning. This model has **1500+** downloads on **GrabCAD**

AutoSwitch - AutoSwitch v.1 is a voice automated wireless-fidelity module with comprehensive compatibility. Basically adding brains to our ordinary household switchboard. A go-to intelligent device transforming typical switchboards into smart devices of the future.

More of my work to be seen here -

GrabCad profile - https://grabcad.com/ankit.jangid-1

Behance profile - https://www.behance.net/jangidankit

EXPERIENCE

Edurific Education PVT. LTD, Mumbai— *Senior Tutor*

July 2020 - March 2020

At Edurific I began as a Trial class tutor but soon got promoted to senior tutor post. Here I taught young kids the basics of programming.

TECH EXIM PVT. LTD, MP — *Robotics Intern*

June 2020 - July 2020

My internship here longed for a month.Here I was supposed to submit well documented IoT based projects. I completed all 3 assignments in the first half of the month and went on to submit an extra project.

EDUCATION

Parul University, Vadodara— B. Tech Robotics Engineering.

July 2018 - March 2022

SKILLS

CAD/CAM - Proficient in **SolidWorks**, **Keyshot** and **Fusion 360**.

3-D Printing - Actively developing 3d models since a while. In depth knowledge of **ABS** & **PLA** printing techniques.

Graphics Design – Proficient with **Photoshop**, **Premiere Pro**, **Lightroom** and **Audition**.

IOT Protocols – Well versed with **HTTP**, **WebSockets** and **MQTT**

C / C++ – Been using these cross platform languages for most of my builds.

Awards

National Level Winner at Zee Brain Cafe
Outstanding Project Award at Klimat Aktion (Sweden)

Multiple participation and wins at Science Exhibitions

LANGUAGES

English, Hindi