

SANKALP GUPTA

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📍 Pune, Maharashtra

DOB 19 Nov 1996



CAREER OBJECTIVE

Contribute to the success and growth of the organization by being positive catalyst and essential ingredient in growth process by using my innovative acumen and technical knowledge-in pursuit of excellence.

PROFESSIONAL EXPERIENCE

- **Intern at Regent R&D:**

Worked on a core project which included responsibilities like PCB designing, Simulation, layout design, power distribution design. A three months full time industry experience. Hands-on different technology in the industry.

PROJECTS

- **Alcohol Detection and vehicle control**(Third Year):

A system which takes air molecules and identifies alcohol content present in the air surrounding the driver sit, and if the content is found exceeding a certain level then the motor of car is blocked. Designed system on PIC microcontroller. This system finds its application in today's world in many types.

- **Documents Fetching From Cloud using Fingerprint in Government Offices**(Final Year):

Uploading documents on cloud and fetching the documents using fingerprint of the person. Useful in government offices and also digitalization of the records is done with the help of this project. Now hardcopy of the documents are no longer needed to be carried using this technology. Soon technical paper will be published on this project.

- **Fingerprint based portable attendance system for institutional use**(FY):

Attendance in an institute can be a tedious job, so to make this more easy we came up with a portable system which updates the attendance of a candidate just by using his fingerprint. This system generates report for teacher and the attendance can be uploaded on the server so that students can also check their attendance on the website.

KEY SKILLS

- ☑ VHDL, Verilog, Embedded C, C++, Core Java, HTML, MYSQL.
- ☑ Circuit Designing, PCB Design, Circuit Debugging, Embedded Systems, ASIC, Power Electronics, Integrated circuits, Microcontrollers (PIC), Microprocessors (ARM Cortex).
- ☑ VLSI Design and Technology (Xilinx, ISE Design Suit), Altium Designer, Eagle Designer, MATLAB.

EDUCATION

Bachelor of Electronics and Telecommunication,

Pune Institute Of Computer Technology
(PICT): 62.93%
July 2014-2018

Brijal Biyani Science College (H.S.C): 80 %
July 2012-2014

Golden Kids English School (S.S.C): 90.36%
June 2012

AREA OF INTERESTS

- Software Development, IOT Networks, Automation.
- VLSI, Embedded Systems, Digital signal processing.
- Data analytics, Business Analytics, Computer technology, communication engineering.