

# Chaitanya Pawar

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Portfolio - <https://chaitanyap.netlify.app>

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## EDUCATION

### **Pillai College of Engineering, New Panvel — Bachelor of Engineering**

August 2017 - June 2021

Bachelor of Engineering in Electronics with **6.95** CGPA.

### **Pillai's Polytechnic, New Panvel — Diploma in Engineering**

August 2013 - June 2016

Diploma in Electronics Engineering with **73.0** percentile.

### **Little Angel's English Medium School, Wada — SSC**

June 2001 - April 2013

Secondary School Certificate with **70.0** percentile.

## PROJECTS

### **LiFi Communication — Polytechnic Final year project**

Designed a system that uses light as a mode of communication. I designed two simple prototypes that are connected to two different computers. The computers would send or receive data through light. Light Communication really inspired me to have this project.

### **Smart Watch using Arduino — mini project**

Designed a SmartWatch Using Arduino Pro Mini as this Microcontroller board is extremely small in size and perfectly fits on the wrist. I interfaced a bluetooth module, an accelerometer, a heart rate sensor and other required Arduino pro mini boards. I then Designed a code for its functionality that made our smartwatch a complete package of fitness device as well as a watch.

### **Autonomous Drone — Engineering Final year project**

In this project, we designed a drone that flies and detects humans in video surveillance in real time and streams data to the user. The main objective of the project is to provide data at critical situations or emergencies. I was assigned as a team leader that gave me an opportunity to showcase my leadership skills and work in a team.

**[More projects listed on personal portfolio website.](#)**

## SUMMARY

2+ years of experience in Software Development and Design

Demonstrated ability to pick up new technologies and frameworks to enhance product development

## TECHNICAL SKILLS

**VLSI Design** - Fundamentals of digital and analog circuits, design flow, hardware description languages, etc.

**Technologies** - Java, JavaScript, Objective C, HTML5

**Databases** - MySQL, Firebase, MongoDB, NoSQL.

**Operating Systems** - MS Windows, Android, macOS, iOS

## ACHIEVEMENTS

Winner of E-Commerce Web Weaving Competition

Speaker of workshop on Web Designing using HTML, CSS and JavaScript held in Pillai College.

Second Runner up of SmartWatch Mini project (PBL).