# academic details

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| --- | --- | --- | --- | --- |
| **Degree** | **Institute / School** | **Board/University** | **Year** | **Results** |
| BTech  (Computer Engineering) | LDRP Institute of Technology and Research, Gandhinagar | Kadi Sarva Vishvavidyalay | 2022 | 8.9/10 |
| Diploma | L.J Polytechnic, Ahmedabad | Gujarat Technological  University | 2019 | 9.9/10 |

# projects

* [**DocScan**](https://play.google.com/store/apps/details?id=com.DocScan) **(December, 2021 – May, 2021)**

**Project Guide:** Prof. Sanjay Patel (Team Size-3)

Led a group of 4 people to develop a document Scanner application to convert images to PDF, with **OCR** (optical character recognition) capabilities, developed using **JAVA**, **OpenCV**. Successfully published on play store with over 1K+ downloads and regularly fixed bugs.

* [**Opticonnect**](https://github.com/amovar18/optilens) **(June, 2018 – June, 2019)**

**Project Guide:** Prof. Rahul Pancholi (Team Size-4)

Led a group of 4 people to create a website that could provide online platform for opticians to sell their products all over India. Technologies like **PHP**, **JavaScript**, **HTML**, **CSS** and **MySQL** database were used.

# other project

* **Home Automation**

Designed and developed Home Automation circuit, controlled by application built in android that can operate appliances at home which also uses login authentication, interfacing between hardware and software done via **Firebase Realtime database**, automation controlled by **ESP8266** and relay switches.

* **Smartphone controlled Arduino operated rover**

Developed a voice and joystick-controlled mini rover built using **Arduino** and Bluetooth modules.

* **Lawyer Portal**

Created a website which would integrate all the court proceedings at one place and allow client and lawyer to communicate via website. This website was created in a span of 48 hours by a team of 4 people led by me at the SSIP hackathon (2019) at *Charusat University.* Developed using **PHP, MySQL, HTML, CSS** and **JavaScript**.

* [**Covid-19 Tracker and News**](https://github.com/amovar18/covid-19-tracker-and-news)

Designed a covid-19 Details tracker and news loader using **REST API** from Postman and from covid-19.org for infections data of the world and REST API from smartable.ai for fetching latest global news pertaining to covid-19.

# technical skills

* **Languages:** C, C++, Java, MySQL, PHP, Arduino, Python, Android, SQL.
* **Tools:** Git, Android studio IDE, VS Code.
* **Familiar with:** Object oriented design, Complexity Analysis, AJAX.

# other information

* **Areas of Interest**: Network Engineering, Application Development, Web Development, Product Management.