

ARYAN LODHA

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EDUCATION

Year	Degree/Exam	Institute	CGPA/ Marks
2024	B.Tech (Computer Science Engineering)	Pandit Deendayal Energy University, Gandhinagar	8.94/10
2020	AISSE, CBSE Board	Delhi Public School, Udaipur(Rajasthan)	92%
2018	AISSE, CBSE Board	Delhi Public School, Udaipur(Rajasthan)	89%

PROJECTS

PROPERTY PORTAL | VANILLA JAVASCRIPT, PHP ([Link](#)) [Mar'23]

- Platform developed in 24-hour hackathon that revolutionises property transactions by removing intermediaries.
- Used technologies like PHP for database connection,

DAILY JOURNAL WITH NOTE TAKING AND TO DO-LIST WEBSITE | MONGODB, NODE JS | [Jan'23]

- Used full stack development tools, **MongoDB** to deploy it to database, **NodeJS** for backend and **HTML & CSS** in front-end to build this.
- It keeps storing journal entries, notes and organise TO DO-Lists.

MOVING ACTION GAME | VANILLA JAVASCRIPT([Link](#)) [Jan'22]

- Used **javascript**, **html** and **css** to make a moving action game. It allows to move the character and dodge from the villain in the game.
- The score is also keeps updating after every correct move.

EGG TIMER | SWIFT | iOS APP DEVELOPMENT ([Link](#)) [Jan'22]

- Build an iOS app for determine how much time different types of eggs take to hatch.
- It uses **swift language and UI** to determine the hatching time.

POSITIONS OF RESPONSIBILITY AND WORK EXPERIENCE

VICE PRESIDENT | Video Graphics Association | PDEU([Link](#)) [Jun'22 - Till date]

- Organised and hosted various events related to film making and movies.
- Made our own productions including movies, documentaries and vlogs.
- Manifested leadership skills for the smooth operations in the club.

Review Paper | PDEU([Link](#)) [Nov'22]

- Wrote a review paper with my colleague on 'NFT Security And It's Importance In Current Day'

Created a SRS document(System Requirement & Specifications)| Software Engg: Project Assignment | PDEU [Dec'22]

- Complete specification and description of requirements of software that needs to be fulfilled

Front End Dev. Project Lead| Operation Systems: Lab Work Project | PDEU([Link](#)) [Apr'22]

- Built the front-end of applications through appealing visual design & tested website to ensure responsiveness and efficiency.

SKILLS AND EXPERTISE

Languages: C++(*proficient*) | C(*intermediate*) | JavaScript(*intermediate*) | Python(*intermediate*) | Swift(*beginner*) | NodeJS(*intermediate*) | MongoDB(*beginner*) | ReactJS(*beginner*) | AngularJS(*intermediate*)

Softwares: Google Collab(*proficient*) | Final Cut Pro(*proficient*)| XCode(*intermediate*) | Bootstrap Studio (*intermediate*) | Adobe Photoshop (*proficient*)

COURSEWORK INFORMATION

Computer Science and Engineering Courses: Programming, Computer Programming with C | Data Structures | Microprocessor Programming and Interfacing| Modern Application Development |Operating System | Database Management System | Design & Analysis of Algorithm | Computer Networks | Software Engineering | Machine Learning | Data Mining | Compiler Design | Artificial Intelligence | Cloud Computing

Other Courses: Web Development Bootcamp | Google Analytics | Marketing | Video Editing | Graphic Designing | MERN Stack Full Development

EXTRA CURRICULAR ACTIVITIES

- Organised events such as filmmaking workshops, writer's room at VGA, PDEU 2022.
- Took part in India Film Festival (IFP 2022) on behalf of VGA, PDEU 2022.
- Wrote a script of audio narrative story telling.
- Edited a short film for VGA, PDEU 2022.