

Yash Parmar

Indian Institute of Technology, Goa

Fourth Year **Undergraduate, Electrical Engineering**

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Education

BTech, Electrical Engineering: Indian Institute of Technology Goa Class 12, CBSE: Kendriya Vidyalaya Mandsaur	CGPA: 8.20/10 88.6%	2018 - PRESENT 2017
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Experience

Software Intern at Mentor Graphics (Siemens EDA) *[Internship]* *[June 2021- Nov 2021]*

- Worked on enhancing the Timer tool of an RTL synthesis solution by Siemens EDA (formerly Mentor Graphics), by adding new timing features using C. Worked on increasing the efficiency of the Timer tool and optimizing the existing code base, by debugging the source code and applying Static Timing Analysis. Worked on various projects which includes enhancement, optimization and runtime-issues.

Placement Portal IIT Goa *[Oct 2020- June 2021]*

- Responsible for the development of Placement Portal of IIT Goa. Worked on a dynamic form like google form so that every company can create a form through our portal and can share this to interested candidates.

Architech Club IIT Goa *[Dec 2019- June 2021]*

- Contributed to many club websites of college like Sports, Cultural and STAB.
- Part of a group of 5 students and successfully developed a website for IIT Goa's First Techno-Cultural Fest.

Core Developer at The Trend Sight, TeenHunt and StartUpStory Media *[Internship]* *[July 2020- Sept 2020]*

- Built websites from scratch for all the above Start-ups. Technologies Used :- **React.js, Next.js, MongoDB, Node.js**

React.js Developer Intern at Creatosaurus *[Internship]* *[June 2020- July 2020]*

- Created several Dynamic Responsive webpages for the company. Worked on Frontend Designs of websites.

Software Development Intern at Foodwagon Private Limited *[Internship]* *[Apr 2020- June 2020]*

- Built an E-commerce type website from scratch which has features like Booking Chefs and Venues, and Buying a Food Truck. Worked with development team to implement data strategies, build data flows and developed data models in **PostgreSQL**.
- Was part of two teams - Frontend and Backend. I led the frontend team.

Full Stack Developer Intern at Verzeo Edutech *[Internship]* *[Feb 2020- Apr 2020]*

- Built User Portfolio as Minor Project. Built User Management System which is basically a CRUD application. Implemented Rest APIs using Node.js and Express.js to handle user requests to Create User, Update User, Read User and Delete User.

Projects

Social Media Platform - A website for Every College Students

- Developed a website to allow students to interact with their peers and ask questions. Students can follow each other on the website. Students will get notifications when the person whom they have followed posts something. Students can also share their interview experiences and project ideas. Additionally, the website has a **To Do** page where students can keep track of their work. **(Using MERN Stack)**

Solar Tracking System:

- Worked on this project in a team of 4 students. Performed tasks on **mechanical body design, VHDL programming and hardware design**.
- Built a model which rotates at a particular angle such that it remains perpendicular to the sun (which implies maximum power).

React-Native Apps:

- Built a Sliding Block Puzzle where user slides numbered tiles on a grid. User combines the tiles to create a tile with number **2048**.
- Built a Sudoku Solver App. It solves Sudoku puzzle using Backtracking algorithm and HashMap.
- Built a Time Table App which has functionalities of chatting with peers, announcements for students and feedback system.

Restaurant App | Weather Application | YouTube Search Application

- Built above applications using Yelp API, RapidAPI and YouTube Data API, respectively. Restaurant App displays the list of restaurants, their ratings and reviews as per user's search. Weather Application shows the current weather conditions of a given city. YouTube Search Application provides top 10 videos as per your search keywords.

Skills

Computer Skills: C++, Python, Java, C, Ruby, AutoCAD, LaTeX, MS Word, MS Excel.

Web and App: HTML, CSS, JavaScript, jQuery, Bootstrap, React.js, React-Native, Node.js, Django, Flask, MySQL, PostgreSQL, SQLite, MongoDB.

Misc.: GIT, NetBeans, Android Studio, pgAdmin, Heroku. VHDL, Arduino UNO, NgSpice, LTSpice, Quartus, Verilog, TCL.

Positions of Responsibilities

Event Head:	Organized 36 hours Coding Hackathon at our first Techfest, Cepheus.	<i>[Dec 2020- Jan 2021]</i>
GoMyno (Coding Club):	Club Head of IIT Goa Coding Club (GoMyno).	<i>[Sept 2020- July 2021]</i>
EnR Club IIT Goa:	Core Team Member of the Club.	<i>[Sept 2020- July 2021]</i>
Student Mentor:	Student Mentor for the freshers of 2020 Batch.	<i>[Sept 2020- July 2021]</i>
Campus Ambassador:	Campus Mantri at GeeksforGeeks.	<i>[Apr 2020- May 2021]</i>

Achievements

- 1st Position in College on GeeksforGeeks and InterviewBit's leaderboard. *[Present]*
- Runner's Up at Inter College Hackathon. *[Feb 2019]*
- Certificate of Merit** : Secured 100 / 100 in Informatics Practices in Class 12th. *[June 2017]*

Extracurriculars and Hobbies

- CATeRS IIT Goa:** (Volunteer) IIT Goa organized Arduino workshop for school students to give them a touch of latest Technology. *[Sept 2019]*