Sachin Jangid (Software Developer)

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# Education

Thadomal Shahani Engineering College, Mumbai. **2020-2024**

Bachelor of Engineering, Computer Engineering

**CGPA**: 9.42/10 (Current)

# Professional Experience

## Backend Developer @ Patilkaki Dec 2022–Jan 2023

* + Developed the entire **Backend** of Patilkaki app which includes **Dynamic** Add/Update Cart, **authorization**, Discount coupon, **Payment** integration, **Order** place, Order **Tracking** , **Gmap** integration, **Fetching** address through latitude and longitude, Product Fetching, location wise product showcase modules.
  + Used **Turf.js** for making the polygon of latitude and longitude to predict the estimated time delivery of the product.
  + Developed the backend of internal application which includes **task management**, **auto scheduling** of task, **Reminder** on 30% and 10% time remaining, **dynamic task creation** which includes infinite children**, Recursive CRUD api** for fetching the task children and parents.
  + Error handling in **CRON/CRUD API** used **mailgun.js** and **msg91.js** for CRON jobs.
  + **Freshchat** integration with Whatsapp bot to handle all the query related to raise the tickets, sending update to the customer through **whatsapp business Api.**

## Backend Developer @ [Easocare](https://easocare.com/) June 2022–July 2022

* + Developed and optimized the database query and reduced the response time from **1200ms** to **150ms .**
  + Implemented different types of search queries by using **regex**, **CRUD/CRON** API, and modified the query with the help of **lookup, aggregate functions** and by **populating** the query.
  + **Tech stack**: Node.js, MongoDB, Express.js, AWS S3 bucket, and various npm modules.

## Product & Technology Intern @ [VenEx | LOR](https://www.getvenex.com/) Aug 2021-Dec 2021

* + Worked on the VenEx App and Website. I implemented a New User screen, Employee reward module, and Multiple Company Support modules.
  + By implementing the above feature increased the speed and functionality from **50%** to **70%.**
  + **Technologies** which I worked on: Javascript, Glide, Quick Chart API.

# Coding Activities/ Achievements

* Solved **400+** problems of DSA on [**GFG**.](https://auth.geeksforgeeks.org/user/jangirsac621/practice/) Ranked **1** out of 684 Students in my college on the GFG platform.
* Solved **300+** problems of DSA on [**Leetcode**.](https://leetcode.com/sachin_621/)
* Achieved **849 rank** (out of 6000) in [**Codechef**](https://www.codechef.com/users/sachin621) Starters 17 for division 3 (**3-star max**).
* **Second Runner Up** @ Unscript rookies Hackathon [**Link**.](https://drive.google.com/file/d/1XUlgiQlamPcNRFewEJrHRBrC2hC3Je5p/view?usp=sharing)
* **Amdocs** HackFest 2022 Finalist ( In the **top 17** out of 11,000 participants).
* **Winner** – CodeTantra 2022 Hackathon (Among 85+ teams).
* **Winner of Devfolio Track**  Hack-o-Heist Global Hackathon(Among 100+ Teams)
* **Winner** Rubix 2023 Hackathon (Among 70+ teams).

# Technical Skills

**Programming**: C/C++, Data structure, and algorithm, OOP (JAVA)

**Frontend Technologies**: HTML, CSS, JavaScript, EJS, jQuery.

**Backend Technologies**: Node.js, Express.js, WebSocket, WebRTC, Passport.js, MongoDB, oAuth/Cookies, API.

**Other Technologies**: Git, GitHub, Glitch (Web hosting), MongoDB Atlas (Database hosting), Postman.

# Projects

**Paw Hunger** (Node.js, Express.js, MongoDB, Socket.io, EJS, Javascript) [**Link**](https://paws-hunger.glitch.me/)

* Built an website for **NGO** to help them find the **stray animals** and seek them medical attention and shelters.
* Easy to use just click the pic of stray animal and upload on our website location will be automatically saved.
* Tech Stack: Node.js,Express.js, MongoDB, GPS, Google Map API, CSS, Javascript.

**Mentify** (A Website for Mental Health Care) [**GitHub** | **Video**](https://github.com/Sachin21393/Mentify)(Node.js, Express.js, MongoDB, Socket.io, EJS, Javascript)

* Developed a web application to spread **mental health** awareness and help people reduce mental stress by using various third party **machine learning models**.
* Implemented **Salt** and **Hashing** technique for User's data privacy.

**D'Cipher** (A Gaming Website) [**GitHub** | **Link**](https://github.com/Sachin21393/iete)(Node.js, Express.js, MongoDB, Socket.io, Pug, Javascript, Glitch )

* Built a website based on the concept of the Treasure Hunt, and worked and coordinated with a team of 5 members.
* Handled **175+ users** on this website during a committee event.

**Video Conference** [**GitHub** | **Link**](https://github.com/Sachin21393/Video-conference)(Node.js, Express.js, WebRTC, WebSocket, MongoDB, Javascript)

* Web application for one-to-one interaction between users with screen share feature.
* Built for live consultation for users in the Mentify project.

**E-Learning** [**Video**](https://www.youtube.com/watch?v=l34-mRZnnIU&t=137s)(Node.js, Express.js, WebRTC, WebSocket, MongoDB, Javascript)

* Implemented **admin panel** to **upload lectures** and **links of live classes** and showing on frontend by **fetching** from **Database**..
* Implemented verification model for **Instructor verification.**