

# SANJAY NAYAK

**Github:** <https://github.com/nayaksanjay99>

**LinkedIn:** <https://www.linkedin.com/in/nayaksanjay99/>

**Phone:** +91-9702574733

**E-mail:** [sanjaynayak99@gmail.com](mailto:sanjaynayak99@gmail.com)

Third Year Computer Engineering student currently studying in Dwarkadas J. Sanghvi College of Engineering. Passionate, hardworking and an enthusiast learner always eager to learn new technologies, with a good amount of experience in MERN stack, React Native app development and ML, currently focused on Blockchain and AR development.

## PROFESSIONAL EXPERIENCE

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04/2019-06/2019 **SENSUM FINTECH** (An algorithmic trading platform), MERN stack developer

- Developed a website by integrating REST APIs in REACT and created few pages from scratch.
- Wrote a few backend APIs in NODE/EXPRESS.
- **Website:** <https://algokart.sensum.tech/>

## EDUCATION

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2017-Present **Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai**  
Bachelor of Engineering (Computer Science)  
**Average CGPA: 9.52/10**

2017 **The Divine Image College, Mumbai**  
XII (Senior Secondary) Science (HSC Board)  
**PERCENTAGE: 88.15%**

2015 **Mother Mary's English High School**  
X (Secondary) SSC Board  
**PERCENTAGE: 89.20%**

## TECHNICAL SKILLS

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**Intermediate:** JAVA (Core and Advanced), PYTHON, C PROGRAMMING, JSP, JavaScript, React JS, Redux, Node JS, Express JS, React-Native (Android) , HTML, CSS, MongoDB, MySQL, ML.

**Beginner:** Native Android, Django, GraphQL, Blockchain, DL, AR development.

## PROJECTS

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March 2019 **SMART INDIA HACKATHON (SIH\_2019)-{ MERN stack }**

- Developed a web portal using React JS for showing trends in the change of depth of tubewells along with water forecasting.
- The data of the no. of tubewells in a particular block was scraped from [data.gov.in](https://data.gov.in)
- We used ARIMA model for predicting the output (water level forecast) and displayed it graphically using charts.js.
- **Github:** <https://github.com/nayaksanjay99/coderz>

June 2019 **WEATHER APP -{ React Native }**

- Developed an android/ios app for viewing the current weather conditions along with forecast.
- Users can put either **NAMES** of places or use the **MAP** feature to check the weather conditions of their current location .
- API from OPENWEATHERAPI was used for this forecast data.
- **Github:** [https://github.com/nayaksanjay99/DJ\\_ACM](https://github.com/nayaksanjay99/DJ_ACM)

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- January 2019      **WEB APP FOR WEATHER FORECAST-{DJANGO-REACT}**
- Developed a web app using React JS for forecasting weather across regions round the globe, API from OPENWEATHERAPI was used for this forecast data.
  - Users can view the weather of every three hours for the coming five days .
  - Users can also bookmark any number of locations they want to.
  - **Github:** <https://github.com/nayaksanjay99/WeatherApp>
- November 2018      **MULTIPLE-CLIENT SINGLE SERVER MESSAGING SYSTEM (WITH ADS)-{JAVA}**
- Developed a system of single server multiple client messaging system using JAVA in which message by one client (Java program) is sent to all / selective clients by the server.
  - I used Socket programming for establishing TCP connections between server & clients .
  - An advertisement (Text-Ad) showing feature is available which is triggered by the words present in the message(e.g. 'coke' present in message renders Ad. Of coke automatically).
  - **Github:** <https://github.com/nayaksanjay99/Concurrent-Server>
- December 2018      **WEB APP FOR FINDING RECIPES – {REACT}**
- Developed a web app using React JS for finding recipes online.
  - API from EDAMAM was used for obtaining recipe-data.
  - On valid input, it shows a list of food items along with health tags, which when clicked, gives the corresponding food-recipe.
  - **Github:** <https://github.com/nayaksanjay99/RecipeFinder>

## TRAININGS

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- January 2019      **JAVA TECHNOLOGY, Rajesh Patkar Institute of Software Engineering, Mumbai.**
- Core and advance JAVA, basics of design patterns, basics of Aspect Oriented Programming.
- October 2014      **DESKTOP PUBLISHING (DTP), KEERTI Computer Institute, Mumbai**
- Learned Vector Graphics Editing and editing photos using Adobe Photoshop.

## ACTIVITIES

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- Finalists of the Smart India Hackathon 2019 (Software Edition).
- 2nd runner up in Intra-College Singing Competition in GYANMANTHAN (Junior-college festival).
- Winner of Intra-School Chess Competition held in the year 2014.
- Cleared Intermediate drawing examination.

## SOFT SKILLS

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- Self learner – Learned all the skills through self research.
- Ready to accept leadership role - Led and managed Hackathon teams (Total 5 hackathons ) .
- Good problem solver and soln. communicator - Explains thought process to classmates and coworkers.
- Always enthusiastic about programming projects and problems!

## PERSONAL DETAILS

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- Hobbies: Passionate about Playing Keyboard, Singing (YT channel: <https://www.youtube.com/channel/UCZ036ysS4QEMfrD4jSamVUA> )
- DOB: 03/12/1999
- Languages Known : English, Hindi, Marathi, Konkani, Kannada.