

# SANJAY NAYAK

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## PROFESSIONAL EXPERIENCE

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**ADDICTIVE MEDIA**, Software Development Intern

**May 2020-Present**

- Developing a mobile app (platform for car-resale) using React Native for BigBoyToyz Ltd.
- Reduced load time on website by optimizing a few APIs (improved SQL queries and schema).

**TATA CONSULTANCY SERVICES**, Project Intern – NLP

**Dec 2019-Feb 2020**

- Developed a search engine for websites with keyword and tag based search.
- BeautifulSoup was used to scrape websites & misspellings were handled using distance based replacements.
- Developed REST APIs for the same using Flask-RESTful.

**SENSUM FINTECH** (An algorithmic trading platform), MERN stack developer

**April 2019-June 2019**

- Developed a website from scratch using React JS and integrated payments API.
- Developed a few REST APIs in Node/Express JS and integrated them with React JS.
- **Website:** <https://algokart.in/>

## EDUCATION

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<b>B.E. – Computer Engineering</b> , D. J. Sanghvi College of Engineering (Mumbai)	2021	9.61/10
<b>HSC</b> – The Divine Image College (Bhayandar, Thane)	2017	88.40%
<b>SSC</b> – Mother Mary's English High School (Bhayandar, Thane)	2015	89.20%

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, JavaScript.  
**Development:** HTML, CSS, React JS, Node JS, Express JS, React-Native, Redux.  
**Other:** MySQL, MongoDB, Machine Learning.

## PROJECTS

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**Infineon AI 2020 Challenge ( Startup India ) - { Top 10 in India }**

[BitBucket Link](#)

- Created a software to search documents from local directories & databases based on user entered query.
- Software included automatic document tagging based on wordcloud technology & supported searches by tags.
- The software was created using Python and few libraries & it was made OS independent.

**SMART INDIA HACKATHON (SIH\_2020) - { Campus Hackathon winners }**

[BitBucket Link](#)

- Developed a real-time emergency/ crime reporting system (mobile app) using React Native.
- Shortest path to victim's location is shown on map to the volunteers who can call/live chat with the victim.
- A chatbot was used to register non-emergency complaints (FIRs).

**SMART INDIA HACKATHON (SIH\_2019) - { Finalists – Top 4 }**

[Github Link](#)

- Developed a web portal using React JS (Express for backend and database on Mongo ) for showing trends in the change of depth of tube-wells along with water forecasting.
- The data of the no. of tube-wells in a particular block was scraped from [data.gov.in](https://data.gov.in) .
- Used ARIMA model for predicting the output (water level forecast) and displayed it graphically using charts.js.

## TRAININGS

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January 2019	<b>JAVA TECHNOLOGY, Rajesh Patkar Institute of Software Engineering, Mumbai.</b> <ul style="list-style-type: none"><li>• Core and advance JAVA, basics of design patterns and Aspect Oriented Programming.</li></ul>
October 2014	<b>DESKTOP PUBLISHING (DTP), KEERTI Computer Institute, Mumbai</b> <ul style="list-style-type: none"><li>• Learned Vector Graphics Editing and editing photos using Adobe Photoshop.</li></ul>

## ACTIVITIES & PERSONAL DETAILS

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- Actively participated & lead teams in 8 hackathons over 2 years
  - Qualified in the Top 10 (in India) in a challenge hosted jointly by StartupIndia and Infineon Technologies.
  - Winners of the internal (campus) hackathon for Smart India Hackathon 2020 (Software Edition).
  - Finalists (Top 4) of the Smart India Hackathon 2019 (Software Edition).
  - Qualified in Top 8 in Lines Of Code 2020 hackathon organized by ACM committee.
  - Hobbies: Passionate about Playing Keyboard, Singing ( [YouTube Link](#) )
  - Languages Known: English, Hindi, Marathi, Konkani, Kannada.
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