

SANJAY NAYAK

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Fourth Year Computer Engineering student currently studying in D. J. Sanghvi College of Engineering. Passionate, hardworking and an enthusiast learner always eager to learn new technologies, with a good amount of knowledge in MERN stack, React Native app development and Java.

PROFESSIONAL EXPERIENCE

- May 2020-Present **ADDICTIVE MEDIA**, Mobile app + Backend developer
- Developing a mobile app using React Native for BigBoyToyz Ltd.
 - Developed and integrated a few APIs in Node Js.
- Dec 2019-Feb 2020 **TATA CONSULTANCY SERVICES**, Project Intern - NLP
- Developed a search engine for websites with keyword based and tag based search.
 - BeautifulSoup library was used to scrape websites' contents and misspellings in the search query were handled using distance based replacements.
 - Developed REST APIs for the same using Flask-RESTFul.
- April 2019-June 2019 **SENSUM FINTECH** (An algorithmic trading platform), MERN stack developer
- Developed a website from scratch using React JS and integrated node APIs and payments API.
 - Developed a few REST APIs in Node/Express JS.
 - **Website:** <https://algokart.sensum.tech/>

EDUCATION

- 2017-Present **Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai**
Bachelor of Engineering (Computer Science)
Average CGPA: 9.61/10
- 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

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

PROJECTS

- April 2020 **Infineon AI 2020 Challenge (Startup India) { Top 10 in India }**
- Created a software to search documents from existing local directories and databases based on user entered free-text or keywords.
 - Software also included automatic document tagging based on wordcloud technology and supported searches by tags.
 - The software was created using Python and few libraries & it was made OS independent.

February 2020	SMART INDIA HACKATHON (SIH_2020)-{ Campus Hackathon winners } <ul style="list-style-type: none"> Developed a real-time emergency/ crime reporting system which consisted of two mobile apps (user and admin) using React Native. Shortest and efficient path to victim's location (GPS) is shown on map to the admin and volunteers who can call/live chat with the victim. A chatbot was used to register non-emergency complaints (FIRs). BitBucket: https://bitbucket.org/nayak_sanjay99/sih_2020/src
March 2019	SMART INDIA HACKATHON (SIH_2019) <ul style="list-style-type: none"> 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 . We used ARIMA model for predicting the output (water level forecast) and displayed it graphically using charts.js. Github: https://github.com/nayaksanjay99/coderz
February 2020	KJSCE_HACK_2020 <ul style="list-style-type: none"> Developed a web portal using React JS and a mobile app using react native wherein recruiters may search for candidates based on job-profile or skill sets. Profiles of candidates were scraped from LinkedIn using Selenium. Recommendations were given to the recruiters based on their previous searches. Github: https://github.com/nayaksanjay99/Lunatic_Byte_AI_ML

TRAININGS

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

ACTIVITIES

- 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 of the Smart India Hackathon 2019 (Software Edition).
- 2nd runner up in Intra-College Singing Competition in GYANMANTHAN (Junior-college festival).

PERSONAL DETAILS

- 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.
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