

ARYAN NAYAK



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EDUCATION

Thadomal Shahani Engineering College, Bandra(W), Mumbai

Bachelor of Computer Engineering

June 2018 - Present

CGPA - **9.56** /10

ACADEMIC ACHIEVEMENTS

University Topper

- Secured **1st Rank** in Semester - V in the **Computer Engineering Department** among 135 students - **10/10** 2021
- Secured **3rd Rank** in Semester -III in the **Computer Engineering Department** among 135 students - **9.88/10** 2020
- Secured **2nd Rank** in Applied Mathematics- II at **University of Mumbai** among 1,00,000+ students - **99/100** 2019
- Secured **1st Rank** in Applied Mathematics- I at **University of Mumbai** among 1,00,000+ students - **100/100** 2018

INDUSTRIAL EXPERIENCE

Software Developer Intern

Bangalore, Karnataka

Dalalstreet.ai | ([Link](#)) | (Founded by IIT B Alum and University of Warwick Alum)

June 2020 - July 2020

- Developed the front-end of the application by **integrating material-UI Library** of reactJs with redux
- Mobile-Optimized** the whole codebase of more than **10,000 lines** making the website **responsive across 12 different devices**
- Created important product features like **portfolio management page, dashboard** and integrated third party services like **Optimizely**

Technical Product Management Intern

Bangalore, Karnataka

Dalalstreet.ai | ([Link](#)) | (Founded by IIT B Alum and University of Warwick Alum)

July 2020 - August 2020

- Devised a **product roadmap** by **extensive market research** of the competing applications in the **SAAS Fin-tech Industry** like **Zerodha**
- Led a team of 3 people** in **developing the application** and performed **Quality Assurance Test** to ensure a **bug-free application**
- Responsible for **bridging the gap** between **software developers** and **product management team, CEO** in a **highly dynamic** environment

Incoming Mitacs Globalink Research Intern

Ottawa, Ontario, Canada

Carleton University - Canada's Capital University

2021

- Project Title: **Understanding the Effect of Uniquely Human Characteristics in Artificial Intelligent (AI) Agents**
- Among the **100 candidates** selected from **India** and the **300 candidates** from around the world out of **10,000 applicants**

KEY PROJECTS AND RESEARCH

Muse - AI Mental Health Chatbot (International Conference on Data and Information Science) | ([Github](#))

- Implemented the transformer model to make an **emotional and conversational chatbot** by using **Future Self Continuity Study**
- Developed a **NLTK Sentimental analyzer** trained on **20,000 Tweets** to set a pipeline of data for the **dual model-based chatbot**
- Spearheaded communication and ideation within the team and conducted research on **235 students** for developing a novel architecture

WeWin- Covid - 19 Live Bed Tracking and Vaccine Booking Application (Recursion 24 Hr - Hackathon) | ([Website](#)) | ([Github](#))

- Developed a **live Covid-19 tracker** and plotted the data on Google Maps using **Google Maps API** and React
- Integrated the **feature of bed availability and vaccine availability** from the backend using Rest API

Interview Chimp - Interview Preparation Application | ([Github](#))

- Designed a **mailing service** to send interview questions using **Django** and used **SES for mailing** the preferred company questions daily
- Developed the application using **Model - View - Template architecture** with the help of HTML, CSS, and Bootstrap in the front-end design

TECHNICAL SKILLS

Experienced: C++, C, HTML, CSS, Django, ReactJs, SQL

Familiar: Java, Python, Javascript, PHP, Keras, NLTK, NumPy

PROGRAMMING ACHIEVEMENTS

- Top 40% Rank** consistently in every **Weekly and Bi-Weekly Coding Contest** on Leetcode among **12000+ participants**
- 4 Star - Leetcode ([Profile](#))**(Solved **700+** Data Structure and Algorithm Problems), **5 Star - Hackerrank ([Profile](#))** in Java, SQL

POSITIONS OF RESPONSIBILITY

- TSEC Student Mentor** - Mentoring first-year students in academics, programming, and setting up a culture of growth
- TSEC Code Cell** - Senior Committee Member in the Technical and Marketing Team
- TSEC Contingent** - Co-head of the Dance Team for the tenure 2018-2020

EXTRACURRICULARS

Awards

- Awarded **1st Place twice** in the **IIM AHMEDABAD Chaos - National Level Dance Competition** 2019 & 2020
- Awarded **1st Place** in Intercollegiate Dance Competition at **I.C.T, V.I.T, Fr. Agnel College, Sardar Patel College, S.N.D.T** 2020

Others

- Posted **100+ problem-solving videos** consistently on **Youtube ([Channel](#))** for **100+ days**
- Published a **blog** each day for **30 days** with **1000+ views** and **original music** on [Apple Music](#), [Youtube](#), and [Instagram](#) with **10,000+ views**