EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	7.52 / 10
2019	Senior Secondary Examination (RBSE)	Bal Navodaya Sr. Sec. School, Kaithoon, Kota	78.80%
2017	Secondary Examination (RBSE)	Bal Navodaya Sr. Sec. School, Kaithoon, Kota	92.67%

INTERNSHIPS

The Bengaluru Angels | Business Development Intern   **Dec' 2021 - Jun' 2022**
• Successfully redesigned and meticulously optimized **company website**, resulting in improved user experience, increased online visibility
• Reached out to **20+ investors of the startups** and **100+** institutions across India and evaluated multiple pitch decks submitted by startups
• Designed and produced a range of engaging **brochures**, effectively communicating company's products and services to target audiences
• Diligently managed communication channels with various **stakeholders** of the company, ensuring clear & consistent messaging to foster positive relationships and **achieve organizational goals**, while simultaneously managing the company's diverse social media accounts

PROJECTS

JethaFlix | Self Project | ReactJS   **May' 2023 - Jun' 2023**
• Employed **React** and utilized **HTML**, **CSS,** and **JavaScript** to craft a visually user interface akin to Hotstar, optimizing user engagement
• Integrated **frontend** and **backend** component and leveraged YouTube API to dynamically fetch episodes from YouTube & increase content
• Deployed optimal website on **Netlify** platform, employed version control using **GitHub**, enabling efficient tracking of project changes

Tender Release Project | Blockchain Project | Team Project   **Jun' 2023 - Jul' 2023**
• Led team in delivering a decentralised web app for **automating tender bidding**, reducing corruption and achieving groundbreaking results
• Leveraged smart contract technology on the **Binance Testnet** blockchain to establish a secure and transparent tender registration system
• Successfully designed & implemented a user-friendly interface that allows administrators to **manage tenders**, companies, and bidding deadlines efficiently. The interface ensures the integrity and immutability of tender data and provides a seamless experience for users

Semantic Search Engine | Self Project   **Jan' 2023 - Mar' 2023**
• Developed semantic search engine that encodes queries into vectors and performs similarity search by utilised **Pinecode** vector database
• Used **cosine similarity algorithm** and **OpenAI's** text embeddings to develop an algorithm to encode the text documents into vectors
• Used **Streamlit** to create the user interface that allows users to enter queries by comparing the vector representation in the database

SKILLS AND EXPERTISE

Programming Languages: C++ | Python | HTML | CSS | JavaScript | SQL
Software: Anaconda | VS Code | XCode | Git | TensorFlow | PyTorch | Jupyter | Tableau | PowerBI | Excel
Libraries and Frameworks: C++ STL | NumPy | Pandas | Scikit-learn | Matplotlib | Seaborn | ReactJS | NodeJS | ExpressJS

COURSEWORK INFORMATION

• Programming and Data Structures*
• Machine Learning Foundations &Applications*
• Linear Algebra and Complex Analysis
(* Laboratory Component as well)

• Algorithms-1*
• Python (Kaggle)
• Basic Electronics*

• Aerodynamics
• Transform Calculus
• DIY Project

CERTIFICATIONS

AZ-201: Applied Algorithms and Data Structures | AlgoZenith   **Apr' 2022 - Sep' 2022**
• Completed comprehensive **16**-**week** training in **Data Structures &Algorithms**, Probability &Statistics and Object Oriented Programming
• Solved **300+ problems** on various algorithms, demonstrating proficiency in problem-solving (80% of available questions on the platform)
• Actively participated in regular internal contests covering a wide range of topics, showcasing continuous improvement on the platform

AWARDS AND ACHIEVEMENTS

• Secured OBC-NCL **All India Rank 2039** in **Joint Entrance Examination Advanced 2020** among the 2,50,000 shortlisted students.
• Secured OBC-NCL **All India Rank 2933** in **Joint Entrance Examination Main 2020** among more than 12,00,000 candidates appeared.

POSITIONS OF RESPONSIBILITY

Vice-Captain | Illumination | Radhakrishnan Hall of Residence   **Jul' 2022 - Apr' 2023**
• Led & managed a **300-student** team for 45 days, demonstrating composure, adaptability, and decision-making in high-pressure situations
• Managed operations and made decisive decisions throughout a **45-day** period, successfully surveillance situations and resolving them
• Exhibited time management abilities in the event, coordinating & executing necessary preparations well within the established timeframe
• Coordinated cross-team collaboration to optimise workflow and achieve superior results with Design, Garden, Oil, and Presentation teams

Core Team Member | Rajasthan Cultural Association, IIT Kharagpur   **Aug' 2021 - Apr' 2022**
• Coordinated and executed diverse offline and online events and significantly expanded boosting social media presence to **9.5K+** followers
• Spearheaded fundraising efforts and raised **INR 50,000+** through online and local sponsors for Khamma Ghani-The Food Fest Event of RCA
• Led **COVID-19** pandemic by tutoring village students, ensuring continuous education during closures. as part of the Education Drive Event

EXTRA CURRICULAR ACTIVITIES

• Part of **Gold-Winning** Volleyball Team in Inter Hall Gymkhana Championship 2022 of Radhakrishnan Hall of Residence at IIT Kharagpur
• Participated in Inter Hall **General Quiz** Gymkhana Championship 2022 as a team member of Radhakrishnan Hall of Residence
• As a National Social Service volunteer, promoted cleanliness, Blood Donation and other state and federal government programs
• Performed in a play and dance during **Social and Cultural** Night, a major event of Radhakrishnan Hall of Residence at IIT Kharagpur

!Self declared by the student, CDC could not verify the relevant documents