

Anand

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EDUCATION

- **Indian Institute of Technology, Roorkee** Roorkee, Uttarakhand
Bachelor of Technology; CGPA: 8.017 July 2019 - May 2024
- **Kendriya Vidyalaya no1, Saltlake, Kolkata** Kolkata, WB
Intermediate (Class XII); Percentage: 94 Mar 2019
- **Kendriya Vidyalaya no1, Saltlake, Kolkata** Kolkata, WB
Matriculate (Class X); CGPA: 10 Mar 2017

SKILLS SUMMARY

- **Languages:** JavaScript/TypeScript, C++, Python, Solidity, HTML, CSS, SQL
- **Tools:** Docker, GIT, Github, JIRA, Matlab, XCode, Postgres, MongoDB, AWS, Firebase, Apache Airflow, Heroku, Netlify
- **Framework and Libraries:** React, NextJs, Redux, React Native, NodeJS, Django/Flask, DRF, Pandas, Numpy, sklearn
- **Communication:** English(srw), Hindi (native- srw), Spanish (srw), Bengali, Punjabi

EXPERIENCE

- **Mitacs Globalink Research Project** Athabasca University, Edmonton, Canada
Blockchains for Data Storage and Mining in Learning Analytics May 2023 - July 2023
 - Understand the core technologies in blockchain construction
 - Explore the use of blockchains to store real-time learning related activities.
 - Design an analysis of a subset of consensus algorithms for EduOps applications
- **Blaze AI** CA, USA - Remote
Software Developer Feb 2022 - April 2023
 - Build analytics tool for support tickets dataset for web3 companies. Established end to end twitter integration
 - Lead the revamping and integration of an aquired software on main product.
 - Tech Stack - NextJs/React, Python/Flask, Snowflake, AWS
- **National Blockchain Project** IIT Kanpur, India
Summer Intern May 2022 - July 2022
 - Worked on Ethereum smart contracts
 - Worked on React Native app which provides a solution for verifying all the digital credentials and storing them
 - Tech Stack - React Native, Solidity
- **Zingy Music** TIDES Incubator - IIT Roorkee
Technical Lead Apr 2022 - June 2022
 - Member of founding team and Lead of Tech product. Developed and Launched v1 of Zingy React Native App.
 - Created backend server and showcase website and deployed on AWS. Zingy is a music artist first platform for publishing work, getting jobs, community engagement and connections.
 - The product was in launched in beta phase had onboarded 150+ users.
- **Yojak** Gurugram, India
Software Developer Intern July 2021 - Oct 2021
 - Implemented Redux Toolkit in React Native Yojak App which has more than 10k downloads and serves major business.
 - Build end to end functionality for warehouse stock management on their Internal Dashboard(200+ daily users)
 - Developed their exports business website (Gatsby + Strapi) showcase products and generate leads.
- **Instaminutes** Bangalore, India - Remote
Software Developer Intern Jan 2022 - Feb 2022
 - Developed desktop application for creating transcripts in online meetings in realtime and generate meeting summary.
 - Tech Stack - ElectronJs, Python

- **Protium - Growth Source Financial Technologies**
Full Stack Developer Intern
 - Created landing page and lead generation form
 - Worked on initial internal team dashboard page to manage leads
 - Tech Stack - React/Gatsby, Material - UI, REST APIs

Bangalore, India - Remote
Nov 2020 - Dec 2020

ACADEMIC PROJECTS

- **Heart Disease Prediction (Machine Learning):** Developed a 99.99% f1 score(Decision Tree) Heart Disease Prediction model using Machine Learning techniques. Based on answers of few lifestyle questions predicts the risk of getting a cardiac disease.
- **Fake News Detection System (Machine Learning):** Developed a 99.44% f1 score(Gradient Boost) Fake news detection model using Machine Learning techniques. Based on the text of any news it predicts if its fake or not.
- **Google Calender and Meeting Scheduler:** Used Google Cal API to fetch personal calender using OAuth. Representation of Calender events graphically in React App. Lets you know the best time to schedule a new meeting for your convenience. (Jan '22)
- **React Table Component (Open Source UI utils library):** React Table Component is a general table component which can handle all the major possiblities with minimal amount of code. Published on npm. The library is typescript enabled and can be used in and react based framework (Oct '21)
- **Async Youtube API worker (Backend Programming):** Used YT API to fetch latest videos sorted in reverse chronological order of their publishing date-time. Used Celery to fetch videos after every 10 seconds using YouTube data v3 API. Used RabbitMQ as message broker.(May '21)
- **Memories Scrapbook for peers - ESChill (Web Development):** Build a fullstack web application, where peers can upload memories in form of media. Implemented Authentication, blob storage. Deployed on heroku. Tech stack - NodeJs, PassportJs, Bootstrap (Oct '20)

POSITIONS OF RESPONSIBILITY & EXTRA CURRICULARS

- **Executive Developer (Design Studio, IIT Roorkee):** Responsible for developing products for Design Studio Projects.
- **Hostel Secretary (RJB, IIT Roorkee):** Responsible for all the Hostel administrative works and Representative for all hostel inmates in Institute Students Council.
- **Head of Digital Media and Marketing, SEG/SPG IIT Roorkee:** Responsible for all the digital media promotions and event management.
- **Marketing Executive, IIT Roorkee Motorsports:** Responsible for raising sponsorship, managing events and participations, business plan presentations
- **School Captain - 2019, KV1 Saltlake:** Responsible for all the student welfare works and Representative for all students in School Adminstrative Council.

HONORS AND AWARDS

- Kishore Vigyan Protsahan Yojna Fellow, 2017 - All India Rank - 400
- National Talent Search Olympiad Scholar - 2017
- National Standard Examination of Physics - NSEP Qualified 2018-19
- National Standard Examination in Chemistry - NSEC Qualified 2018-19