



Kolanu Praneeth Reddy | 19AE10017

Aerospace Engineering (B. Tech 4Y)

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EDUCATION

Year	Degree/Exam	Institute	Performance
2023	Bachelor of Technology	Indian Institute of Technology Kharagpur	8.29 / 10
2019	Class XII, TSBIIE	Narayana Junior College, Hyderabad	956 / 1000
2017	Class XII, TSBSSE	Narayana Concept School, Hyderabad	9.7 / 10

AWARDS AND ACHIEVEMENTS

- Secured **All India Rank 3591** in **JEE Advanced 2019** among the 2 Lakh+ shortlisted candidates
- Secured a rank among the **top 0.5%** of the 1.5 million applicants in JEE Mains 2019

RELEVANT COURSEWORK

- Object-Oriented Systems Design
- Linear Algebra
- Programming and Data Structures
- Transform Calculus
- Image Processing
- Market Microstructure

SKILLS AND EXPERTISE

- Programming Languages:** Python, JavaScript, Java, C/C++
- Frameworks and Libraries:** Django, Express.js, Next.js, React.js, Gatsby, React-Native, Flutter, Bootstrap
- Developer Tools:** Linux, Git, GitHub, MongoDB, SQLite, PostgreSQL, Android-Studio

INTERNSHIPS AND PROJECTS

Web Development Internship | Quantifiers | February 2021 - June 2021

- Developed the backend and frontend of the website <https://www.quantifiers.in/> from scratch.
- The whole content of the website is dynamic and the technologies used in developing this are Django, Bootstrap.

Business Development Internship | Gopali Youth Welfare Society | August 2020 - September 2020

- Developed an efficient, generalized and executable business plan for the PRAYAS Business Model of GYWS which also includes MoU Drafting, proposing financial metrics and working on financial statements.
- I was promoted as a super intern for my best performance in the internship.

Project: Rakshak Backend API | Prof. Adway Mitra | August 2021 - present

- Rakshak is a project sponsored by the Department of Science and Technology to study the spread of Covid-19 on university campuses.
- Built a backend API that acts as an interface between the Reactjs frontend and the python simulator simultaneously managing a MongoDB database.

Other Projects

- Custom Google Form: *This project uses Google-Apps-Script to receive get requests from an Html form and saves the content to a google spreadsheet.*
- Help-Seeking Website*: *This website will create a platform for individuals to create help requests(anonymously if required) and get connected with people who can help them.*

Ongoing projects are indicated by keeping * beside their title

POSITIONS OF RESPONSIBILITY

PRAYAS Coordinator | Gopali Youth Welfare Society | April 2021 - Present

- After my internship at Gopali Youth Welfare Society (GYWS), I got an offer to join the society as Senior Executive Member. Later, I have been promoted as PRAYAS Coordinator.
- My major works here include leading a 16-member team of Junior Executive Members, managing the office staff, working closely with startups and in-house projects of PRAYAS.

Full-Stack Developer | ChiSquareX | January 2021 - Present

- This is a small-scale research group started by a few students of IIT Kharagpur.
- I work on the web/android projects received by this organization from their clients
- Kushitranslation Website: *Developed a client company's website, being a part of this organization. This is a paid project.*

Web Team Member | International Relations Cell | September 2020 - May 2021

- Responsible for the development and management of Foreign Training Portal 2020-2021 and the international website of IIT Kharagpur.
- Working hand-in-hand with the Office of International Relations to organize the events and programs of the International Relations Cell.

EXTRA CURRICULAR ACTIVITIES

Open Source Contribution

- Participated in Digital Ocean's Hacktoberfest 2020 and successfully completed the challenge.
- Contributed to a flutter application as a Student Developer in GirlScript Summer of Code 2021 conducted by GirlScript Foundation.
- Successfully completed Kharagpur Winter of Code 2020 as a student developer.

Volunteer | National Service Scheme | July 2019 - April 2021

- Recognised as the best volunteer of the gold-winning team in the National Service Scheme Annual Camp 2019.
- Distributed stationery to the students of a government school near IIT Kharagpur and also conducted a drawing competition in the school.
- Collected clothes from students and professors of the IIT Kharagpur campus to distribute them to the people living in villages around IIT Kharagpur.