



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	8.30 / 10
2019	Class XII, TSBIE	Narayana Junior College, Hyderabad	956 / 1000
2017	Class XII, TSBSE	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, Java, JavaScript, C/C++
- Frameworks and Libraries:** Django, Flutter, Android, Numpy, JQuery, Bootstrap
- Developer Tools:** Linux, Git, GitHub, PostgreSQL, Android-Studio

INTERNSHIPS AND PROJECTS

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: Mass Mailing Web App | October 2020

- This is a Django project used to send personalized emails in bulk.
- This web-app takes an excel sheet as an input and sends the email to the mail-ID given in each row by reading the values given in the columns and customizing the mail content accordingly.
- I used the 'xlrd' python package to read the excel sheet and Django inbuilt mailing feature to send the emails.

Project: Task-Reminding Android App* | February 2021 - Present

- I am working on this android-app to solve the problems of students/working-professionals in organizing, prioritizing their tasks regularly.
- This app will regularly remind the user about tasks remaining, their priority, to update the progress and also reminds the deadline.
- This will help the user in planning their tasks and also in time management.

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

Web Team Member | International Relations Cell | September 2020 - Present

- 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.

Senior Executive Member | Gopali Youth Welfare Society | September 2020 - Present

- I got this position after my internship at Gopali Youth Welfare Society(GYWS).
- My major works here include leading a 16-member team of Junior Executive Members, training the office staff, working in the sponsorship project 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.*

EXTRA CURRICULAR ACTIVITIES

Open Source Contribution

- Participated in Digital Ocean's Hacktoberfest 2020 and successfully completed the challenge.
- Successfully completed Kharagpur Winter of Code 2020 as a student developer.

Volunteer | National Service Scheme | July 2019 - Present

- 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.