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EDUCATION

- **Indian Institute of Information Technology, Sri City** Sri City, Chittor, India
Bachelor's Degree in Computer Science and Engineering; (8.3/10.0) Aug. 2018 – July. 2022

PROGRAMMING SKILLS

- **Languages:** Python3, JavaScript, C++, MySQL, Java, MongoDB
- **Technologies:** Node.js, Django, React, AWS, Django Rest, PUG, Bootstrap
- **Courses:** Data Structure and Algorithm, DBMS, Computer Organisation

EXPERIENCE

- **Techfesia** IIIT Sri City
Backend Developer June 2019 - August 2019
 - **Django:** Django is a high-level open-source Python Web framework that encourages rapid development and clean, pragmatic design. I utilized Django to create route's and methods that will send request to the server, which with the help of Sendgrid client will generate and send email's that will be used for verification and communication purposes.
 - **Django Rest Framework:** Django Rest Framework in high-level open-source Python Web framework that provides flexible toolkit for building Web APIs. Used Django Rest Framework to utilize the REST standards, utilizing the serializers and parsers, to create a well designed mail sending system
 - **Sendgrid:** Sendgrid is a customer communication platform for sending email for communication and verification proposes with the help of frameworks like Django and Node.js. used Sendgrid as a mailing client for communication and user authentication pourposes

PROJECTS

- **Grapher:** Open source python project that will build you graph with high accuracy using Turtle library. In the process of creation I used basic tools and graphic interface that was provided by the Turtle and Math library of Python3 to create function that work on domain provided by user as an input, the program will first compute the range of function depending on the domain provide, then the value at each point in domain will be calculated. While calculating the range values the program uses exception handling so to avoid any run-time errors or exceptions. once the range is calculated and stored, the program start drawing the graph on the canvas provided by Turtle library. The creation of graph will execute with the help of function that I built specifically for drawing purpose and will go through several test cases determining which function to be involved with what arguments and what should be the execution order.
- **To Do:** Django based To Do list project (<http://hrs2203.pythonanywhere.com>)
This is a project that I am constantly working on since I started learning Django Framework. This project involves a login page for each user restricting the access of each individual to his/her own data. Inside each users account there are tasks that a user has decided for himself stored with the help of Sqlit3 database, tasks have a status of done and not Done. Task can also be categorised on the basis of task type that a user can create specifically as he/she desires. In the process is user desires to change the details of task, the user has the option to create or delete task as per his will. there are many more functionalities that I have tried to implement that will make towards a smooth user experience.