

Saahitya E

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Experience

June 2020 - PRESENT

MyGate, Bangalore – Associate Programmer

- Involved in the migration of modules from legacy dashboard to new dashboard for society admins. Migrated modules like Tenant Management, Forgot/Change Password, Management Committee, etc.
- Made enhancements to allow mygate internal users to access the new dashboard in a week.
- Added Bulk upload functionality for adding multiple internal mygate roles and assigning appropriate regional access via an Excel sheet that saved Operation Team members multiple hours of work in a week.
- Implemented Society Admins facing features like Flat Quarantine Changes, Tenant Management, Umbrella Model Enhancements.

May 2019 - June 2019

Zomato, Bangalore – Intern

- Migrated an internal Operations dashboard module that filtered delivery drivers based on attributes like name, etc from Active Admin to ROR + Angularjs resulting in significant speedup and decrease in the number of DB queries.
- Built a basic prototype with SUMO Traffic simulator software to simulate driver movement in order flow with callbacks to the server.

May 2018 - April 2019



CCBD – PES, Bangalore – Intern

- Developed the interface between the hardware(FPGA) and the software which calls the hardware routines to support queuing using ZeroMQ which supported computationally intensive matrix multiplication(1000x1000) + wrote on shell scripts to test functionality of above.

Education

2016 - 2020

PES University, Bangalore – BTech, CSE

- Graduated with a GPA of 9.13 with specialization in Algorithms & Computing Models
- TA for Advanced Algorithms class under Prof. NS Kumar
- Final Year Project:  Saahitya - 8073602792.pdf  Final Presentation.pptx
- Additional research work: [Tendulkar's Cat and Schrodinger's Bat—Knowledge-Enhanced Real-Word Error Correction](#)

Skills

Python3,Django,PHP,(My|Postgre)SQL,Rabbitmq,C++,Javascript,Git