Palepu Balachander Rao |
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EDUCATION

Program	Institution	CGPA / %	Year
B. Tech : **Computer Science Engineering**	Malla Reddy College of Engineering, Hyderabad	7.3	*2019*
XII (BIE TS)	Sri Chaitanya Junior Kalashala, Hyderabad	95.2	*2015*
X (SSC AP)	Tejaswi High School, Warangal	9.7	*2013*

PROFESSIONAL EXPERIENCE

Total System Services US | Software Developer   *Jun'19-Aug'20*

- Built a customized **CRM analytics portal** for Business Development team to run queries to visualize user data from various sources.
- Handled **custom workflows** for various onboarding related tasks.
- Built backend using **Express** which collected data from **MySQL** and **Google Analytics** and used **React** and **chart**.js to display the data.

SELECTED PROJECTS

Mini Project | Prof Sudha Pavani   *Aug'18*

Title: Stealthy Denial of service Strategy in Cloud Computing

Description: We proposed and developed a strategy to orchestrate stealthy attack patterns, which exhibit a slowly-increasing-intensity trend designed to inflict the maximum financial cost to the cloud customer, while respecting the job size and the service arrival rate imposed by the detection mechanisms.

Personal Websites   *May'19*

- Designed a **website** which handled editing admin projects using **Express framework** for backend and **React framework** for frontend .
- It included an easy to use admin portal for adding and editing various projects from the admin and users who are authorized.

                                                                                                July'19

- Designed a **website** which handled employee details where admin login and check the employee details and employee also can login using his/her credentials and see his own data and using **Express framework** for backend and **React framework** for frontend and **MySQL** database.
- It included an easy to use admin portal for adding and editing various projects from the admin and users who are authorized.

                                                                                                August'19

- Designed a **website** which handled delivery agents where admin assign to work and revoke from their work using **React framework**.
- It included an easy to use portal for adding delivery agents from the admin.

                                                                                                May'19

- Designed a **website** which handled employee details where admin can view employee details of the one who is registered and entered his details in the employee details form from their work using **HTML, CSS** and **JavaScript** and also **PHP** to connect server using **MySQL** database.
- It included an easy to use portal for adding employees from the admin where employee could do it by filling the employee form that page Is redirected and on submit his details will be stored in the database .

Major project | Prof Sandeep   *Jan'19*

.   **Title**: Secure distributed deduplication Systems with improved reliability

Description: We proposed and developed a new distributed deduplication systems with higher reliability in which the data chunks are distributed across multiple cloud servers. The security requirements of data confidentiality and tag consistency are also achieved by introducing a deterministic secret sharing scheme in distributed storage systems instead of convergent encryption.

RELEVANT SKILLS

Programming Languages: JavaScript(ES6), C, Java, HTML, CSS   **Front-end frameworks:** React
Back-end frameworks: Express   **CSS frameworks:** Bootstrap, Semantic UI, tailwind
Databases: MySQL
Tools: npm, git, apache

EXTRA-CURRICULAR ACTIVITIES

Social	- Participated and finished the **marathon** held in Hyderabad powered by **Hyderabad Runners**. *Aug'17* - Attended a three day Entrepreneurship awareness camp by Entrepreneurship Development Cell (EDC) at MRCE. *March'19*
Technical.	An active contributor to **React community** for beginners at Git Hub.