

KrishnaprabhatRao Jupally

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EDUCATION

- **Jawaharlal Nehru Technological University** Hyderabad, India
TKR College of Engineering and Technology *July 2018 -present*
Bachelor of Technology-Computer Science and EngineeringGPA: 9.41
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Discrete Mathematics, Differential Equations, Networking, Databases

SKILLS SUMMARY

- **Languages:** JavaScript, SQL, JAVA,Python,C++
- **Frameworks:** NodeJS,ExpressJS,ReactJS,Flutter
- **Tools:** Docker, GIT, MySQL, MongoDB
- **Platforms:** Linux, Web, Windows , AWS
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Krishi Network Inc (India's most used Agricultural App)(site)** Remote
SDE Intern (Full-time) *July 2021 - Sep 2021*
 - **Data Layer Automation using ETL Scripts:** Automated the process of data collection from different sources like AWS RedShift,Google firebase etc and integarting them into a single centralized datawarehouse.Built a central dashboard which accepts Queries and returns the analytics.
 - **Built a Ads Pipeline:** This pipeline automates the process of collecting the user leads from facebook, youtube marketing campaigns;and sent the data to the company clients everyday.
- **Kahaniya(India's Disney)(site)** In-Office
SDE Intern (Full-time) *March 2021 - May 2021*
 - **Story section Upgrades in the Kahaniya Mobile App:** Refactored stories section for performance to handle large databases.
 - **Built REST API for PaymentGateways ,Assesment, Admin Dashboard:**
 - : -2pt Built two projects namely "COVID Dashboard" and "DiLSeY" for the company client SCSC(Society for Cyberabad Security Council)
- **Chegg Inc (site)** Remote
Subject Matter Expert(Part-time, Contractual) *Dec 2019 - Present*
 - **Responsibility :** Solving the questions posted online by the college students of USA and Canada on the Chegg QA Board and strengthening their concepts of computer science.
 - **Impact:** Answered a total no of 200+ questions on the chegg platform.

PROJECTS

- **COVID Dashboard in association with the Cyberabad Police:** Website built for Cyberabad police to curate a list of verified resources for each of the service starting from ambulance services to vacciantion centers to food services. My role in the project is to build Robust and Effecient REST API'S,handle Datalayer with MongooseORM and MongoDB Atlas and Cloud Deployment to AWS. % Tech: NodeJS,ExpressJs,MongoDB Atlas, AWS . (Link : <https://covid.scsc.in/>)
- **Digital Literacy for Secure Youth (DiLSeY):** Application built for SCSC to train youngsters of the city to protect themselves from cyber crimes via the methods of training and assesment% faster. Tech: NodeJS,ExpressJs,MongoDB Atlas, AWS. (Link : <https://play.google.com/store/apps/details?id=com.scsc.dilsey>)
- **RNNLanguageTranslator:** We implemented RNN Encoder and Decoder using LSTM and Translated English sentences into valid translated Hindi sentences (Link: codebase)
- **KPdb(Work in progress):** I have implemented my own light weight Database Engine which supports CREATE,INSERT, SELECT and DROP commands and working on more commands such as JOINS now. (Link: codebase)

PUBLICATIONS

- **Blog on how to deal with authentication in BackEnd development.:** -2pt 2pt (Link : <https://dev.to/krishna05102000/how-to-handle-passwords-in-back-end-development-2ei5>(Dec 2020)

HONORS AND AWARDS

- Runner-up at CMRCET IDEATHON-2020,The Annual Hackathon of CMR College of Engineering Technology.
- Highest SGPA in 3rd and 4th Semester of My Btech course (3rd sem:9.43/10 , 4th sem :9.85/10)