

EDUCATION

- **Indian Institute of Technology** Hyderabad, IN
B.Tech in Electrical Engineering and Engineering Science; GPA: 7.65 *Aug. 2019 – Apr. 2023*

EXPERIENCE

- **Kore.ai** Hyderabad, IN
Associate Backend Engineer *June 2023 - Present*
 - **Integrations:** Responsible for integrating our services with third parties like Salesforce, Talkdesk, AWS Connect.
- **Office of Career Services, IITH** Hyderabad, IN
Technical Lead *Apr 2022 - Mar 2023*
 - **Maintenance:** Responsible for end to end maintenance of the servers and the code-base
 - **Bug Fixes:** Rolling out major fixes monthly and nightly bug fixes as reported by the users
- **Mewt** Bengaluru, IN
Backend Developer Intern *Dec 2022 - Feb 2023*
 - **API Enhancement:** Added filtering and Paging endpoints for existing and new personnel data.
 - **Metrics Calculation:** Implemented Metrics calculation as defined by the product team by using BFS on the data. Used the same by converting it into a cronjob for less overhead calculation.
 - **API Documentation:** Added documentation and models as per OpenAPI specification for endpoints written in FastAPI.
- **Samsung Research** Bengaluru, IN
Software Development Intern *May 2022 - July 2022*
 - **File Comparison Tool:** Similar to version control file comparison but works on tree-like input text files (marker could be indentation, braces or custom defined). Can be invoked from Command line, or a CI/CD pipeline, or via an endpoint and outputs a neat color coded PDF of the difference tree.
- **Office of Career Services, IITH** Hyderabad, IN
Backend Developer *Apr 2021 - Mar 2022*
 - **Skill-based Filtering:** Implemented skill-based filtering to give employers a wider choice while selecting candidates based on their skill and experience in addition to their degree and branch.
 - **Testing:** Testing the endpoints and enabling bug fixes wherever required.
 - **DB Automation:** Cleaning the duplicate and redundant data from the DB with Python and JS Scripts.

PROJECTS

- **Word2Video:** Takes all instances of a word from a PDF and make extended frames into a video using ffmpeg
- **BLE Image transfer:** Transfer Image from Web-Bluetooth to a BLE receiver and display on an E-Paper display
- **Concentration Prediction:** Protein concentration prediction using ML algorithms and deploying the prediction mechanism over college intranet via FastAPI.
- **Multiplayer Wordle:** Wordle for CyberCon with backend evaluation and scoring mechanisms to avoid data leaking

SKILLS

- **Languages:** Python, Javascript, C, C++
- **DB:** MySQL, MongoDB, PostgreSQL
- **Tools:** Redis, Postman, Docker, Nginx, GCP, SSH, AWS
- **Frameworks:** ExpressJS, ReactJS, Django, DRF, FastAPI, Numpy, Pandas