

# CHANDRA MARAPAKA

## Software Engineer

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 <https://github.com/chanduaditya1>



 <https://www.facebook.com/ChanduAditya>

## EXPERIENCE

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### Railtel Corporation Of India Limited

#### Graduate Engineer

 07/2021 – Till Date  Secunderabad ([Telangana](#))

- Currently working in Railnilayam and having experience in **HMIS Portal** and will be looking after all server related issues and database related issues all over India.
- Working as an **Admin** and will be responsible for **configuration and software** related updates.
- Superior ability to support and develop analysis solutions and data transformations.
- Maintained SQL scripts indexes and complex queries for analysis and extraction.
- Performed quality testing and assurance for SQL servers.

### Aditsh Fintech Private Limited

#### Python Django Developer

 02/2020 – 06/2021  Noida ([Uttar Pradesh](#))

- Actively involved in developing the methods for **Create, Read, Update and Delete (CRUD)** in Active Record.
- Developed entire frontend and backend modules using **Python on Django** Web Framework.
- Implemented business logic using **Python Web framework Django**.
- **Experience in Object Oriented Analysis in developing server side and front-end framework using various design patterns.**
- Developed and tested many features for dashboard using **Python, Bootstrap, CSS, and JavaScript**.
- Implemented **MVC** architecture in developing the web application with the help of **Django** framework.
- Was responsible for the database, **API** design and development on the back-end for many features.
- Good experience in developing web applications implementing Model View Control architecture using **Django, Flask** web application frameworks.
- Translated the customer requirements into design specifications and ensured that the requirements translate into software solution.
- Knowledge about setting up Python REST API Framework using **Django**.

### TSMSIDC-(Telangana State Medical Service Infrastructure & Development Corporation)

#### Electrical Engineer

 02/2014 -1/2020  Warangal ([Telangana](#))

- Construction, Maintenance & Quality Control of all Government Hospital Buildings, PHC's & CHC's
- Preparing technical drawings, specifications of electrical systems, or topographical maps to ensure that installation & operations conform to standards and customer requirements.
- Develops Budgets, estimating Budgets, estimating labour material and construction costs.
- Knowledge in circuit breakers (SF6, ACB, VCB, MCCB, MPCB, MCB) Variable frequency drives of motor controls (VFD), Motor starters (DOL, Star, Delta, starters), relays, control drives, energy measuring equipments, motors and pumps (upto 150 HP)
- Carrying out machine and equipment day to day planing preventive Maintenance activities in order to increase productivity and efficiency.

➤ **MCH Buildings** at Warangal & Jangaon District.

➤ **50-100 Bedded Hospitals** at Bhupalpally, Chitiyala & Mulugu District.

- Construction of Low voltage, high voltage lines structures 33KV/ 11 KV, transmission lines.
- Knowledge in ACB's upto 400KV & Underground cable laying from 16sqmm upto 300sqmm.
- Knowledge in Transformers, Generators & all Panel Boards.
- Knowledge in Main Panel Boards, Sub Panel Boards (Lighting & Power) including Capacitor panel boards & Generators upto 250 KVA.

# PROJECTS

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## Accounts Management



05 / 2021

[https://github.com/chanduaditya1/Accounts\\_Management](https://github.com/chanduaditya1/Accounts_Management)

- An Accounts website for programmers where users can organize accounts levels into different Modules and share.
  - Developed remote integration with third party platforms by using **RESTful** web services.
  - Managed code versioning with **GitHub**, **Bit Bucket** and deployment to staging and production servers.
  - Improved code reuse and performance by making effective use of various **design patterns** and refactoring code base
  - Technologies used Python, Django, Git.
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## Human Resources Management System



04/2021

<https://github.com/chanduaditya1/Answerly>

- The Main modules available in this project are Employee Types module which manages the functionality of Employee types Appraisals.
  - Develop consumer based features and applications using **Python and Django** in test driven Development and pair based programming.
  - Worked on rebranding the existing web pages to clients according to the type of deployment.
  - Technologies used Python, Django and Bootstrap.
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## Code Buckets



02 /2021

<https://github.com/chanduaditya1/Code-Bucket>

- A snippet sharing website for programmers where users can organize snippets into buckets and share.
  - Added Compile, Execution functionalities using Hacker-Earth API.
  - Technologies used Python, Django, Code mirror and Bulma.
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## Answerly



09/2020

<https://github.com/chanduaditya1/Answerly>

- A discussion board application made for developers.
  - Implement Authentication, features to add discussion board, question, and answer.
  - Technologies used Python, Django and Bootstrap.
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## Notekeeper



07/2020

<https://github.com/chanduaditya1/NoteKeeper>

- A simple note taking application built using Python/Django.
  - Technologies used Python, Django and Bootstrap.
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## EDUCATION

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Master of Power System Control & Automation  
Engineering (M.Tech)

Vaagdevi College Of Engineering

GPA

8.8 / 10



06/2016 - 12/2018



Warangal

Bachelor of Electrical and Electronics  
Engineering (B.Tech)

SVS Institute of Technology

GPA

7.2 / 10



04/2008 - 04/2012



Warangal

Intermediate Education

SR - NVB Junior College

GPA

6.3 / 10



04/2006 - 04/2008



Warangal

Secondary School Education

SR National High School

GPA

7.5 / 10



04/2005 - 04/2006



Warangal

## TECHSTACK - (Software)

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[Python](#)

[Django](#)

[MySQL](#)

[SQLite](#)

[C](#)

[HTML](#)

[CSS](#)

[Git--Hub](#)

[Bootstrap](#)

[Git](#)

## TECHSTACK - (Electrical)

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[Matlab](#)

[Autocad](#)

[Ms Office](#)

## DECLARATION

- I hereby declare that the above information is true and correct to the best of my knowledge and belief

Place:

Date:

(M.Chandra)