

# MANOJ KANCHARLA

Hyderabad, Telangana, India

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## EDUCATION

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### Guru Nanak Institutions Technical Campus, Hyderabad

2020-2024

Bachelor of Technology in Electronics and Communication Engineering CGPA: 8.0

### SR Junior College

2018-2020

Telangana State Board of Secondary Education : Percentage- 92.7%

## SKILLS

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**Languages:** Python, JavaScript, Java, C++, HTML5, CSS3, SQL

**Backend Frameworks:** Flask, Django, RESTfull API

**Frontend Technologies:** React.js, JavaScript (ES6+), HTML5, CSS3

**Databases:** MySQL, SSMS

**Tools:** Git, GitHub Actions, VS Code, PyCharm

**Data Analysis:** Pandas, NumPy, Data Visualization, Jupyter Notebooks

**Coursework:** OOPS, Data structures, Algorithms, SDLC, Operating Systems, Prompt engineering, GenAI(Basic).

## EXPERIENCE

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### Python Full Stack Developer Trainee - Codegnan IT Solutions

[Jan 2025-Sep 2025]

- Completed intensive Python Full Stack Development training program covering Django, Flask, REST APIs, and database integration with hands-on project experience.
- Developed full-stack web applications using Python backend frameworks, HTML5, CSS3, JavaScript frontend technologies, and Mysql databases.
- Gained expertise in software development lifecycle (SDLC), version control with Git/GitHub, API development, and deployment strategies for scalable web applications.

## PROJECTS

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### PERSONAL FINANCE MANAGEMENT SYSTEM

- Developed comprehensive expense tracking and budget management system using Flask, MySQL, and Python data analysis libraries.
- Implemented user authentication, CRUD operations for transactions, and automated expense categorization using machine learning algorithms for enhanced user experience.
- Built interactive data visualization dashboard with Plotly and Chart.js displaying spending patterns, budget analysis, and financial insights across monthly/yearly timeframes.

**Tech Stack:** Flask, MySQL, SQLAlchemy, Pandas, NumPy, Plotly, HTML/CSS, JavaScript, scikit-learn, ReportLab

### WEATHER APPLICATION

[project-link](#)

- Created a dynamic weather app with JavaScript API integration fetching real-time meteorological data for 200+ global cities with instant search results.
- Engineered user-friendly interface with form validation, error handling, and responsive design supporting seamless functionality across multiple devices and browsers.
- Utilized RESTful API architecture with OpenWeatherMap service, implementing JSON data parsing and DOM manipulation for dynamic content rendering.
- Deployed web application demonstrating proficiency in frontend development, API integration, and JavaScript ES6+ features.

**Tech Stack:** HTML5, CSS3, JavaScript (ES6+), OpenWeatherMap API, Git

## ACHIEVEMENTS

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- Achieved score of 72.82% in TCS National Qualifier Test (NQT) in September 2024.