

# Charles A.

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Chennai, Tamil Nadu, India

## Summary

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Fresher Python Developer with hands-on internship experience in Django, MySQL, HTML, and CSS. A quick learner with a strong passion for coding, motivated to grow in a tech-driven environment and contribute to impactful development projects.

## Experience

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### Python Intern — Gateway Software Solutions, Coimbatore

May – June 2024

- Developed Python scripts for cleaning and visualizing real estate data, improving report accuracy by 30%.
- Collaborated with senior developers to debug and optimize Jupyter workflows, reducing run-time errors.
- Participated in weekly sprint reviews to deliver consistent progress on project goals.

## Projects

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### TNEA Clone – Flask Full Stack Web App

Jan – Mar 2025

- Developed a college seat allotment system inspired by Tamil Nadu TNEA.
- Implemented dynamic registration, admin dashboards, and seat allocation using Flask and MySQL.
- Built CRUD operations and managed database models, reducing manual workload by 50%.

### House Price Prediction – Data Science Project

May – June 2024

- Built regression models (linear regression, decision tree) to forecast housing prices.
- Cleaned data, handled nulls, encoded categories, normalized features.
- Visualized trends and performance using Matplotlib and Seaborn.

## Education

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### SSLC — P.L.W.A. Hr. Sec. School

2019 – 2020

Score: 60%

### HSC — P.L.W.A. Hr. Sec. School

2020 – 2022

Score: 69%

### BCA — Manonmaniam Sundaranar University

2022 – 2025

CGPA: 7.8 / 10

## Skills & Certifications

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### Skills

- Python, SQL, Java
- Django, Flask, HTML, CSS
- Pandas, NumPy, Matplotlib
- MySQL, Excel, Jupyter
- Git, GitHub, VS Code

### Certifications

- Python with Data Science – NPTEL
- Machine Learning – Cognitive Class
- Selenium Testing – Workshop

## Languages

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- English
- Tamil