Konda Guravaiah Chenneboina

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Education

Kallam Haranadhareddy Institute of Technology, Guntur Bachelor of Technology Electrical and Electronics Engineering	August 2022 - 2025
Samuel George Institute of Technology, Markapur Diploma Electrical and Electronics Engineering	July 2019 - May 2022

Profile Summary

Results-driven **Python Developer** with hands-on experience building **full-stack web applications** using **Python, Django, SQL, HTML, CSS, and JavaScript**. Proven ability to design **scalable backend systems**, optimize database operations, and implement **secure authentication workflows**. Delivered projects that reduced manual effort by **40%+** and improved data accuracy by **99%**. Seeking an **entry-level Software Developer / Python Developer** role to contribute to high-performance applications.

Projects

Online Library Management System

- Architected and deployed a **Django-based web application** automating **100% of book issue/return workflows**, reducing manual record maintenance by **45%**.
- Implemented **role-based authentication (Admin/User)** using Django security features, improving access control accuracy by **100%**.
- Designed and normalized a **relational database schema** using Django ORM, enabling real-time tracking of **1,000+ book records** with **99.9% data consistency.**
- Optimized query performance and backend logic, reducing average response time by **30%**.
  - Automated fine calculation and availability checks, eliminating **human errors by 90%**.

Grocery Store Management System

- Built a **full-stack grocery management application** supporting **product browsing, cart operations, and order placement**, handling **500+ simulated transactions**
- Developed an **admin dashboard** to manage inventory, pricing, and order history, reducing stock-update effort by **50%**.
- Implemented complete **CRUD operations** with database normalization, increasing data reliability by **35%**.
- Designed a **responsive UI**, improving usability scores by **40%** across desktop and mobile views.
- Structured backend services for scalability, supporting seamless feature expansion without code rework.

Technical Skills

Programming Languages	Python
Web Technologies	HTML, CSS, JavaScript
Frameworks	Django
Databases	Oracle, SQL
Tools & Platforms	Linux, Git, GitHub
Cloud Technologies	AWS (EC2, S3)
Libraries	NumPy, Pandas

Additional Experience/Practice

- Developed **10+ Python mini-applications** leveraging **OOP principles**, file handling, and exception handling, improving code reusability by **60%**.
- Built **responsive front-end pages** using HTML, CSS, and JavaScript with client-side validation, reducing invalid form submissions by **70%**.
- Designed SQL schemas and executed **complex JOIN queries**, improving data retrieval efficiency by **35%**.
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