

ASHA RANI GOUDA

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SUMMARY

Enthusiastic Python Full Stack Developer with knowledge of Django, Flask, and MySQL. Skilled in web development, REST APIs, and database management. Eager to apply technical skills and grow in a collaborative development environment.

SKILLS

Programming and Querying: Python, MySQL, MongoDB

Frameworks: Django, Flask

Frontend: HTML, CSS, JavaScript (ES6+), Angular

API and Tools: REST API, Git, Pandas, NumPy

Concepts: OOP, MVC, Authentication, Agile

PROJECTS

- **Gym Website** — Flask, Tailwind CSS, HTML, MySQL
 - Developed a dynamic gym website with homepage, membership plans, and secure sign-in system.
 - Used Flask for backend routing and MySQL for storing user and membership information.
 - Designed and styled the UI with Tailwind CSS for responsive layouts and seamless experience.
 - Implemented form validation, authentication, and error handling for secure user flow.
 - Added admin dashboards to track user registrations and membership analytics.
 - Improved load time by 25% through optimized queries and lightweight templates.
 - Deployed locally and tested for responsiveness, performance, and data accuracy.
- **Hospital Management System** — Django, MySQL
 - Built a hospital management web app supporting doctor, patient, and admin modules.
 - Designed role-based authentication using Django's built-in user management system.
 - Implemented CRUD operations via Django ORM with optimized relational models.
 - Integrated appointment scheduling and email notifications for confirmations.
 - Created a responsive Bootstrap-based interface for easy navigation and data entry.
 - Enhanced backend efficiency by reducing redundant queries and improving ORM performance.
 - Conducted unit tests and debugging sessions ensuring reliability and smooth operation.
- **Exploratory Data Analysis on Google Play Store Apps** — Python, Pandas, NumPy, Matplotlib
 - Collected and cleaned Google Play Store dataset for in-depth analysis and visualization.
 - Used Pandas and NumPy to preprocess data, handle missing values, and detect outliers.
 - Conducted statistical analysis to identify trends in app ratings, installs, and categories.
 - Created heatmaps, scatter plots, and bar charts to illustrate performance correlations.
 - Identified top-performing categories contributing to higher user engagement.
 - Automated data cleaning tasks using reusable Python functions to save analysis time.
 - Compiled insights into visual reports to support data-driven decision-making.

EDUCATION

Khemundi Degree College, Odisha
Bachelor of Science (Physics Hons)

CGPA: 7.1 / 10
2023