

# JANANI MALAR

## Web Developer

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### Professional Summary

Results-driven Python Developer with hands-on experience in full-stack web development, software development, and database management. Proficient in building scalable applications using Django, MySQL, and REST APIs. Skilled in optimizing backend processes, debugging, and collaborating in Agile environments. Passionate about leveraging technology to develop efficient and innovative web applications.

### Technical Skills

- **Programming:** Python, SQL, HTML, CSS
- **Frameworks:** Django, REST APIs, Tkinter
- **Databases:** MySQL, SQL Optimization
- **Tools:** Git, VS Code, Postman, PyCharm
- **Soft Skills:** Agile Development, Problem-Solving, Team Collaboration, Adaptability, Time Management

### Professional Experience

#### Python Developer Intern

Shiash Info Solutions Private Limited | Chennai, India | June 2024 – August 2024

- Developed and optimized Python-based data management systems, improving processing efficiency by 25%.
- Debugged and enhanced Python scripts, reducing runtime errors and increasing performance.
- Automated workflow tasks, saving 15+ hours per month through custom Python solutions.
- Leveraged Git for version control, ensuring smooth collaboration in Agile development cycles.

### Projects

#### Aluminum Prediction System | [Link](#) (Python, Django, MySQL, HTML, CSS)

- Developed an optimized Django workflow for material submission, reducing input errors by 20%.
- Implemented MySQL for secure data storage, increasing query efficiency by 30%.
- Conducted regression analysis to enhance prediction accuracy.

#### Expense Tracker | [Link](#) (Python, Django, CSV)

- Built a terminal-based expense tracker with user authentication.
- Implemented CSV-based persistent storage for expense categorization.
- Enhanced reliability with input validation and error handling.

#### Blog Web Application | [Link](#) (Python, Django, MySQL, HTML, CSS)

- Designed a blog platform with CRUD operations and user authentication.
- Integrated a search feature for better content discovery.
- Managed backend operations using Django's admin panel.

#### Web-Based Calculator | [Link](#) (Python, Django, HTML, CSS)

- Developed a responsive calculator with arithmetic operations.
- Added a history feature for tracking previous calculations.
- Ensured a seamless UI with intuitive HTML and CSS design.

### Education

#### Bachelor of Commerce (Computer Applications)

Annai Veilankanni's College for Women | Chennai, India

November 2021 – May 2024

GPA: 76.3%