

# Shilpa P M

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🔗 <https://shilpa-github.github.io/Portfolio/>

## PROFILE

I am a Computer Science student with skills in web development, Python, and data analysis. I have built projects using HTML, CSS, JavaScript, Python, SQL and React. I enjoy creating websites, working with data, and solving real-world problems through coding. I am a quick learner and ready to work on new challenges in both development and analytics.

## SKILLS

- **Languages:** Python, HTML, CSS, JavaScript
- **Frameworks/Tools:** Bootstrap, Flask, Git, GitHub, React
- **Database:** MongoDB, SQLPlus
- **UI/UX & Web:** Responsive Design, Local Storage
- **SoftSkills:** Time Management, Team Collaboration, fast learner

## PROJECTS

### Smart Drug Dosing System 🔗

- **Tech Stack:** Python, Flask, SQLite, HTML, CSS, JavaScript
- Developed a web-based system that uses reinforcement learning to predict patient-specific drug dosage, improving treatment precision
- Achieved 92% prediction accuracy by training the model on medical datasets; integrated Flask backend and SQLite for secure data handling

### Fashion Recommendation System 🔗

- **Tech Stack:** Python, Machine Learning, Pandas, HTML/CSS
- Built a recommendation engine using collaborative filtering to suggest fashion items based on user ratings and preferences
- Improved product suggestion relevance by over 85% using user-item matrix analysis; results shown in an interactive web interface

### Career Campus 🔗

- **Tech Stack:** HTML, CSS, Flask, SQLite
- Developed a web portal to guide 10th and 2nd PUC students in exploring suitable career options based on their interests
- Integrated Flask backend to display career paths, courses, colleges, and registration forms with student data stored in SQLite

## EXPERIENCE

### Full Stack Web Developer Intern

06/2024 – 09/2024 | Bangalore

Pantech.ai

- Built web applications using Python, Flask, HTML, CSS, and JavaScript.
- Connected the frontend to the backend using databases like MongoDB and SQLite.
- Gained practical experience by working on real-time web development tasks.

### Python Full Stack Developer Intern

02/2025 – 05/2025 | Bangalore

Archelos Intelsense Technologies Pvt. Ltd

- Working on both frontend and backend development using Python, HTML, CSS, and JavaScript.
- Creating and managing web applications with Flask/Django, and using SQL for storing and handling data.
- Learning real-time project development and testing, and using GitHub for code sharing.

## EDUCATION

### Bachelor of Engineering

11/2021 – 07/2025 | Bengaluru

Bangalore Technological Institute

CGPA:8.86

## CERTIFICATES

- Python Full Stack development
- SQL and Relational Database

## LANGUAGES

- English
- Kannada
- Telugu