Prince Dixit

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Skills

Languages: Python, JavaScript, C#, SQL
Technologies & Tools: Flask, ExpressJS, PostgreSQL, NodeJS, VueJS

Education

Indian Institute of Technology Madras   Sep 2024 – Present
B.S. in Data Science and Applications   **CGPA: 8.33/10**
Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Machine Learning, Application Development, Unix/Linux CLIs, Linear Algebra, Statistics, Business Data Management

Projects

- **Hospital Management System (Nov 2025):** Developed a full-stack CRUD hospital management web application with role-based access controls. Integrated Flask-Security for authentication and implemented a doctor–patient interaction workflow. **Tech:** Python Flask, Flask-SQLAlchemy, Flask-Security, SQLite3, HTML/CSS/JS, Jinja2, Bootstrap.
- **City weather Web App (Aug 2025):** Developed and deployed (not live currently) a basic weather web app, implemented Flask for API calls to openweathermap.org. **Tech:** Python Flask, HTML/CSS, Jinja2.
- **Portfolio WebApp for freelancing (Dec 2025):** Developing a reproducible Portfolio webapp (recursion!) for freelancing purposes, implemented Bootstrap and custom CSS styling to make an elegant UI. Currently under development. **Tech:** Python Flask, HTML/CSS/JS, Jinja2, Bootstrap.