

PRITIBHA VISHWAKARMA

Software Developer | Python | Django | React.js | SQL
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pritibha-vishwakarma

PROFESSIONAL SUMMARY

Motivated Software Developer with strong skills in Python, Django, React.js, JavaScript, and SQL. Experience working on real-time telescope control software at the Indian Institute of Astrophysics (IIA), Bangalore. Skilled in developing CRUD applications, REST-based systems, and responsive UI components. Seeking an entry-level Software Developer role to contribute to scalable application development.

TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, Scala
- Frameworks: Django, React.js, Bootstrap, Akka
- Database: MySQL, SQLite
- Concepts: OOPS, DBMS, REST API, Data Structures, SDLC
- Tools: Git, GitHub, VS Code, Linux

EXPERIENCE

Software Developer Intern | Indian Institute of Astrophysics (IIA), Bangalore | Aug 2025 – Present

- Developed Scala-based modules for telescope control systems in the Thirty Meter Telescope (TMT) project.
- Implemented real-time hardware–software communication services.
- Worked on distributed service architecture for telescope operations.
- Supported testing and deployment of telescope operation modules.

PROJECTS

- College Management System (Python, Django, SQLite): Developed role-based authentication system; implemented CRUD APIs using Django ORM; designed relational database schema; followed MVC architecture.
- Inventory Management System (HTML, CSS, JavaScript): Built modules for stock tracking, issuing materials, and updating inventory records using structured data logic.

EDUCATION

- MCA – LNCT Group of College, Bhopal | CGPA: 8.72 | 2023–2025
- PGDCA – Makhanlal Chaturvedi University | 71.75% | 2023–2024
- B.Sc – Dr. Harisingh Gour University | 72% | 2018–2021

CERTIFICATIONS

- Infosys Python Certification – Infosys Springboard