

Ratandeep purohit

Software Engineer

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Languages Known: English, Hindi

GitHub: <https://github.com/Ratandeep-purohit>

Portfolio: - <https://ratandeep-purohit.github.io/Portfolio/>

LinkedIn: <https://www.linkedin.com/in/ratandeep-purohit-ab0309304/>

Objective:

Motivated MCA student with strong Python skills and a solid foundation in software engineering. Seeking a Software Engineer or Python Developer role to build scalable applications and grow in a dynamic team.

Education: -

1. Master of Computer Applications (MCA)

Silver Oak University, Ahmedabad

Status: Pursuing | Duration: 2025 – 2027

2. Bachelor of Computer Applications (BCA)

Shree Jain PG College, Bikaner

Maharaja Ganga Singh University

Year of Completion: 2025 | CGPA:7.72

Skills: -

1. Programming Languages:

Python (Advance), Java (Advance), C++, PHP

2. Frameworks & Libraries:

Flask, Django, FastAPI , SQLAlchemy, OpenCV, Pandas, NumPy, Matplotlib, Seaborn

3. Databases & Tools:

MySQL, SQLite, Git, GitHub, Postman, MS Office 365

4. IDEs & Environment:

VS Code, PyCharm, Jupyter Notebook, Android Studio, Google Antigravity

5. Core Concepts:

Object-Oriented Programming (OOP), Data Structures, DBMS, SDLC, Web Development Fundamentals

6. Software Engineering:

Agile & Waterfall Methodologies, Requirement Analysis, Unit & Integration Testing, Version Control

7. Soft Skills:

Problem Solving, Analytical Thinking, Quick Learning, Team Collaboration

Projects: -

DigiTech Health

Tech: Python, Flask, SQLite, SQL Alchemy, HTML, Tailwind CSS, JavaScript

- Developed a web-based hospital management system with role-based access for doctors and patients.
- Implemented patient records, doctor directory, appointment scheduling, and billing modules.
- Designed a responsive UI with real-time dashboard statistics using Flask and JavaScript.
- Integrated secure authentication using Flask-Login and Flask-WTF.

GitHub: <https://github.com/Ratandeep-purohit/DigiTechHealth>

AI-Powered Fake News Detection System

Tech: Python, NLP, Scikit-learn, Streamlit, PostgreSQL

- Developed an ML-based system to classify news as *Fake* or *Real* using NLP techniques.
- Created an interactive dashboard with prediction history and analytics.
- Integrated PostgreSQL for efficient data storage.

GitHub: <https://github.com/Ratandeep-purohit/FakeNewsDetector>

Java Swing Expense Tracker

Tech: Java, Swing, MVC, Design Patterns

- Built a desktop expense tracker with transaction management and reporting features.
- Implemented filtering, monthly summaries, and data persistence using CSV.
- Applied MVC and Observer patterns for clean architecture.

GitHub: <https://github.com/Ratandeep-purohit/java-expense-tracker>

Certifications / Training

1. Python for Beginners – Scaler Topics (Nov 2025)

- Gained hands-on experience with Python fundamentals, data structures, and problem-solving.
- Wrote clean, optimized, and modular Python code for real-world scenarios.

2. Computer Networking – Scaler Topics (Nov 2025)

- Learned core networking concepts including OSI & TCP/IP models, IP addressing, and protocols.
- Worked with LAN/WAN, DNS, DHCP, HTTP/HTTPS, and basic troubleshooting.

Interests

- AI & Machine Learning (NLP, Computer Vision, predictive models)
- Open-source contribution and collaborative development
- Data analysis and data-driven problem solving
- Full-stack & emerging technologies (Cloud, IoT, AR/VR)
- Tech blogging, research, and continuous learning
- Strategy & simulation gaming for analytical thinking