

Monika Pal

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Summary

A final year student, enthusiastic learner and problem solver with knowledge of Python and Java. Basic understanding of HTML, CSS, and JavaScript and strong knowledge of SQL and databases. Passionate about continuous learning and applying technical skills to solve problems. Skilled speaker with excellent communication, leadership, and teamwork skills. Also, a proficient content writer.

Education

- **Bachelor of Technology (B.Tech)** 2022–2026
Shri Guru Gobind Singhji Institute Of Engineering And Technology, Nanded | 6.64 (till 6th Sem).
- **Higher Secondary Certification (HSC)** 2021–2022
New Arts Commerce and Science College, Wardha | 77.5%
- **Secondary School Certification (SSC)** 2019–2020
New English Academy of Genius, Wardha | 84.5%

Skills

- **Programming:** Python, Java.
- **Web Technologies:** HTML5, CSS, JavaScript, React.js, Node.js.
- **Databases:** MySQL, MongoDB.
- **Data Analytics:** Power BI, Tableau, MS Excel (Pivot Tables, Charts, VLOOKUP), Pandas, Matplotlib..
- **Tools:** Git, GitHub, VS Code, Postman ,Jupyter Notebook.
- **Core CS Concepts:** OOPs, DBMS, SQL, Basics of OS and Computer Networks.
- **Interpersonal Skills:** Communication, Teamwork, Leadership, Time management, Adaptability.

Projects

ATM Machine Interface

- Developed a console-based ATM interface with withdrawal, deposit, balance inquiry, and transaction history.
- Implemented secure PIN authentication for user account access.
- Applied Object-Oriented Programming (OOPs) concepts for modular and maintainable code.
- Used Java Collections framework to efficiently manage transactions.

Tech Stack: Core Java (OOPs, Collections, Exception Handling).

Link: [GitHub](#)

Health Lens – A Clear View to Better Health

- Developed a MERN stack web application for analyzing and visualizing user health data.
- Implemented React frontend, Node.js/Express backend, and MongoDB for data storage.
- Integrated analytics to provide insights and trends for effective health monitoring.

Tech Stack: MERN Stack (MongoDB, Express, React, Node.js), JavaScript, Data Analysis .

Link: [GitHub](#).

Sales Dashboard

- Developed an interactive dashboard to analyze sales performance across products, regions, and time.
- Implemented KPIs and visualizations to highlight key metrics and trends for decision-making.

Tech Stack: Python (Pandas, Matplotlib), Power BI.

Link: [GitHub](#) .

Positions of Responsibility

- **Co-ordinator of Corporate Relations, E-Cell, SGGSI&T :**
Managed corporate relations and organized workshops, and entrepreneurship events.
- **Member, Training and Placement Cell, SGGSI&T :**
Assisted in organizing placement drives, internships, and career development activities.
- **Member, Co-operative Girl's Mess Committee, SGGSI&T :**
Supported mess operations, managed the financial budget and expenditure, and addressed student concerns.