

# SOURABH PATIL

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Highly versatile and detail-oriented professional with expertise in Python, Big Data tools, and cloud technologies like AWS. Proficient in data visualization, orchestration, and database management, with strong problem-solving and root cause analysis skills to deliver efficient, data-driven solutions.

## EDUCATION

- Center for Development of Advanced Computing, New Delhi.** Sep 2023 - Feb 2024  
PG Diploma in Big Data Analytics. Percentage: 78.63%
- Dr D.Y. Patil School of Engineering & Technology, Pune.** Aug 2019 - Mar 2023  
Bachelor's Degree in Computer Science. Percentage: 73.90%

## SKILLS

- Operating Systems:** Ubuntu 64-bit, Windows.
- Programming Language:** Python, SQL.
- Python Libraries:** Pandas, NumPy, Seaborn, Matplotlib.
- Version Control:** Git, GitHub.
- Database Technologies:** MongoDB, MySQL, PostgreSQL.
- Big Data Technologies:** Hadoop, Apache Spark, Apache Kafka, Cloudera.
- Orchestration & Workflow Tools:** Apache AirFlow.
- Data Visualization & BI Tools:** Power BI, MS Excel.
- Cloud Technologies:** AWS (EC2, S3, EBS, RDS, DynamoDB, CloudFormation).

## EXPERIENCE

### Mentorness Recruitment Services

Internship

Remote  
June 2024 - July 2024

- Optimized SQL queries for hotel management insights, cutting down runtime by 25%.
- Built a Power BI dashboard analyzing 200+ song trends and metrics, presenting insights practically for users.
- Conducted knowledge-sharing sessions on PowerBI, guiding peers to adopt best practices for dashboard development.

### SilverOaks Solutions

Internship

Pune, MH  
Jan 2023 - Aug 2023

- Customized Tally financial modules, boosting operational efficiency by 40%.
- Directed automation of reporting processes, enhancing accuracy & minimizing 50% manual efforts.
- Drafted concise reports and summaries, trimming decision-making time by 20%.

## PROJECT

### RealTime\_ML (Group Project)

New Delhi, DL  
Dec 2023 - Feb 2024

- Developed ML platform for heart disease detection (85% accuracy) and fuel prediction (90%).
- Collaborated with a diverse team to design a Python interface with big data integration, enabling real-time results and decisively communicating technical insights to cross-functional teams.

### To\_Do\_List (Personal Project)

Aug 2024 - Nov 2024

- Created a Python-MongoDB task manager for 500+ tasks with seamless database integration.
- Devised task addition with unique MongoDB IDs and viewing all tasks for efficient management.
- Enhanced task tracking processes, demonstrating initiative to improve workflow efficiency with scalability.

## POSITION & RESPONSIBILITY

### Tigers Adventure Outdoors

Team Leader

Pune, MH  
Jan 2022 - Nov 2022

- Led adventure trips for 100+ students, fostering teamwork, clear communication, leadership with strategic decision making.
- Orchestrated team-building exercises, promoting cohesive collaboration across varied groups.