

RUTIKESH PAWAR

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PROFESSIONAL SUMMARY

Recent graduate with a Bachelor of Engineering in Information Technology and a Diploma in Computer Engineering. Completed a Data Analytics Certification Program from ExcelR with hands-on experience in Excel, SQL, Power BI, Python, and Machine Learning. Strong foundation in data cleaning, EDA, KPI dashboards, and statistical analysis. Proven ability to derive actionable insights from complex datasets and support data-driven decision-making.

EDUCATION

- **Bachelor of Engineering (Information Technology)** | Terna Engineering College, Mumbai University
June 2021 – May 2024 | –CGPA: 7.92
- **Diploma in Computer Engineering** | Loknete Gopinathji Munde Institute of Engineering & Research, Nashik
June 2019 – May 2021 | Percentage: 82.11%

CERTIFICATION

- **Data Analytics Certification – ExcelR Classes (Expected Aug 2025)**
Topics: Excel, SQL, Power BI, Python, Pandas, NumPy, Data Cleaning, Machine Learning, Dashboards, EDA, Pivot Table, ETL Tools
- **Introduction to Data Analytics – Simplilearn SkillUp (Completed April 2025)**
Topics: Data Analytics Lifecycle, Descriptive & Diagnostic Analytics, Business Use Cases, Basic Statistics, Data Types, and Visualization Concepts

EXPERIENCE

Java Developer Intern (Software & SQL Intern)

MIRA Advanced Engineering, Thane | June 2023 – July 2023

- Implemented Employee Management System using Java and MySQL with real-time CRUD functionality for 100+ employees records
- Wrote and optimized **20+ SQL queries** for employee reporting. Enhanced backend modules, improving data access speed by **25%** through indexing and relational joints to retrieve and update employee data and generate reports
- Constructed modular Java components, including a digital clock and calculator, enhancing code reusability and reducing development time by 15%; demonstrated modular logic and backend integration.

PROJECTS

Cropify – Precision Agriculture Analytics Tool | *Python, OpenCV, Pandas, Scikit-learn*

- Built an AI-based tool for predicting crop yield and detecting diseases.
- Analysed over 2,000+ crop images and achieved 85% model accuracy. Delivered insights to improve agricultural yield by 12–15%.

Flipkart Price Drop Alert System | *Python, BeautifulSoup, Pandas, Matplotlib*

- Developed a scraper tracking **50+ product prices hourly**, triggering email alerts on thresholds.
- Helped test users save an average of **18–22%** on purchases across 2 weeks. Visualized pricing trends with **3 key metrics/ KPIs**.

Airline Reservation System | *Python, Django, SQL, JavaScript, HTML, CSS*

- Designed a web-based flight booking system to automate ticket reservations, cancellations, and user data validation.
- Managed **200+ simulated bookings** with SQL for seat availability, fare tracking, and OTP-based verification. Enhanced system accuracy and reduced manual errors through backend automation and structured data handling.

Employee Management System | *Java, MySQL, SQL*

- Managed a database of 100+ employee records with real-time CRUD operations. Used SQL for payroll automation, reducing manual effort by 30%, and visualized department-level reports.

E-Furniture Shop | *HTML, CSS, Bootstrap, PHP, JavaScript, MySQL*

- Designed and deployed an e-commerce featuring **50+ furniture SKUs**, integrated with **login, filtering, and checkout modules**.
- Handled mock orders and tracked site visits using analytics script with product filtering, search, user login, and order tracking capabilities.

SKILLS & TOOLS

Languages: Python, SQL, Java, HTML, CSS, JavaScript, PHP

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Tools: Excel, Power BI, Tableau, MySQL, Git

Techniques: EDA, Data Cleaning, Data Wrangling, KPI Reporting, Dashboarding, Data-Driven Decisions, A/B Testing, Statistical Analysis

INTERESTS: Solving Data Analytics Challenges | Visualization Tools (Power BI, Tableau) | Cricket | Travel | Reading