

SANKET KHAPAKE

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Portfolio: <https://sanket-khapake-portfolio.onrender.com/>

PROFESSIONAL SUMMARY

Entry level Data Analyst with strong foundation in Python, SQL, and Power BI. IBM certified in Python for Data Science with hands-on project experience in data cleaning, exploratory analysis, and visualization. Passionate about applying analytical and machine learning concepts to solve real world problems and contribute to data driven decision making.

EDUCATION

Bachelor of Engineering – Information Technology

Zeal College of Engineering and Research, Pune

Expected Graduation: 2026 | CGPA: 7.5 / 10

SKILLS

- **Programming & Analytics:** Python, SQL, Excel
 - **Business Intelligence:** Power BI
 - **Data Analysis:** Data Cleaning & Exploratory Data Analysis
 - **Machine Learning:** Supervised Learning, Custom CNN, Transfer Learning, Image Classification, Model Evaluation
 - **Visualization:** Data Visualization & Reporting
 - **Tools & Platforms:** GitHub, Jupyter Notebook, VS Code
 - **Soft Skills:** Problem Solving, Analytical Thinking, Communication
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PROJECTS

Agri Care – Image Based Plant Disease Detection

- Developed a deep learning solution to identify plant diseases from leaf images.
- Implemented **Custom CNN** and **VGG16 (transfer learning)** models.
- Achieved **92% classification accuracy** using VGG16.
- Applied image preprocessing, augmentation, and model evaluation techniques.
- Designed a reusable ML workflow for training, testing, and validation.

Smart Prescription Reader

- Built an OCR-based system to extract medical information from handwritten prescriptions.
 - Processed and structured extracted text for better readability.
 - Generated automated and well-formatted PDF reports.
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PROFESSIONAL EXPERIENCE

MERN Stack Intern – EY GDS, AICTE & Edunet Foundation

- Developed full-stack modules using MongoDB, Express.js, React.js, and Node.js.
- Worked across the Software Development Life Cycle (SDLC) including design, development, and testing.
- Built and tested REST APIs for backend integration.

Data Science Trainee – Full Stack Guru, Pune (Ongoing)

- Performing data analysis using Python and SQL.
 - Designing dashboards and visual reports using Power BI.
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CERTIFICATIONS

- Python for Data Science – IBM
- Machine Learning – Cognitive Classes
- Data Science Training – Full Stack Guru (Ongoing)