

Atharva Khairnar

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SUMMARY

Data Science enthusiast skilled in Python, Machine Learning, and Power BI, with experience in analyzing data and building predictive models. Passionate about turning complex data into actionable business insights.

EDUCATION

NMIMS

B.Tech in Information Technology (CGPA: 3.7)

Mumbai, Maharashtra

July 2023 – May 2027

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Computer Networks
- Data Warehousing & Mining
- Operating Systems
- Object Oriented Programming
- Probability & Statistics
- Machine Learning
- Data Visualization

EXPERIENCE

IBM SkillsBuild

Data Analyst Intern

June 2024 – August 2024

Remote

- Cleaned and analyzed 15K+ data points using Python and Excel, uncovering 5 key sustainability trends that guided actionable business insights.
- Built 10+ Power BI dashboards to visualize KPIs and presented data-driven recommendations that improved project decision efficiency.

CorpVenue

Full-Stack Web Developer Intern

May 2025 – August 2025

Remote

- Developed and deployed CorpVenue's official website using React.js and Node.js, optimizing load speed and enhancing UI/UX consistency.
- Applied SEO and analytics strategies to increase user engagement by 35% and reduce bounce rate by 25%.

PROJECTS

Crop Disease Detection Using CNN | Python, Pandas, OpenCV, TensorFlow, Scikit-learn

March 2024

- Built a CNN model with **91% accuracy** to detect 10+ crop diseases, reducing manual inspection time for farmers by nearly 60%.
- Developed a user-friendly interface that connects farmers to e-commerce sites for treatment products, improving agricultural accessibility.

HackRx API – Insurance Policy AI Query System | Python, FastAPI, FAISS, Mistral 7B, PyMuPDF

May 2025

- Developed an AI-powered FastAPI service to process insurance PDFs and deliver context-aware answers via semantic search using FAISS and Mistral 7B.
- Deployed a secure, scalable API (HTTPS + token authentication) that improved document retrieval time and query accuracy by over 40%.

CERTIFICATIONS

- Oracle Cloud Infrastructure (OCI) Foundations Associate 
- Tata Group Data Analytics Job Simulation – Forage (2025) 
- IBM SkillsBuild – Agentic AI: From Learner to Builder – Become an AI Agent Architect 
- Machine Learning – Stanford University

TECHNICAL SKILLS

Programming & Query Languages: Python, R, SAS, SQL , Java

Data Science & ML Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn, OpenCV

Data Visualization & BI Tools: Power BI, Tableau

Databases & Tools: MySQL, MongoDB,FireBase, Git, GitHub

Other Skills: Statistical Modeling, Machine Learning, Deep Learning, Predictive Analytics, A/B Testing, Google Workspace, Data Wrangling

LEADERSHIP / EXTRACURRICULAR

Ambiora Techfest 2024

NMIMS

Public Relations Manager

- Secured sponsorships worth 5,000+ by independently negotiating with local businesses.
- Managed sponsor communication, branding, and ensured maximum visibility during the event.
- Contributed to organizing a successful tech fest with 1,000+ attendees and multiple events.

NMMUN (Model United Nations)

NMIMS

Delegate and Solution Drafting Committee Member

- Participated as a delegate representing Turkey and engaged in structured diplomatic debates.
- Collaborated with fellow members to draft resolutions and formulate actionable solutions at the end of the session.