

## Education

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**Bachelor of Engineering** – AISSMS Institute of Information Technology – Pune, Maharashtra

August 2021 - Present

Branch - Artificial Intelligence and Data Science

GPA – 8.29

## Skills

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- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, TensorFlow, PyTorch, Scikit-Learn)
- **Data Science:** Statistical Analysis, Machine Learning, Exploratory, Data Visualization (Power BI, Seaborn, Excel)
- **Databases:** SQL (MySQL, PostgreSQL), Data Retrieval, Database Design
- **Generative AI:** LLaMA, GPT models, Prompt Engineering, Fine-tuning, and Deployment
- **Soft Skills:** Problem-solving, critical thinking, teamwork, leadership, communication

## Work Experience

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**EY Global Delivery Services** – Data Analyst Intern - Pune, Maharashtra

Feb 2024 – March 2024

- Developed and implemented **K-means clustering** for customer segmentation and designed a recommendation system to increase sales in the online retail sector
- Collaborated with cross-functional teams to develop strategies based on insights derived from data analysis
- Conducted research into industry trends, competitive landscape, and market dynamics to inform strategic decisions

**iMocha** – Data Science Intern - Pune, Maharashtra

September 2024 - Present

- Developing machine learning models for candidate assessment analysis, leveraging tools like Python, Pandas, and Scikit-learn.
- Analyzing large-scale data sets to extract actionable insights, improving key business metrics by optimizing processes.
- Collaborating with cross-functional teams to design and deploy data-driven solutions for product optimization and performance enhancement.

## Projects

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**Customer Segmentation** - [Project Link](#) – Python, Scikit-Learn, ML Algorithms

April 2024

- Utilized K-means clustering algorithm to segment 25,000 e-commerce customers based on their purchasing behavior.
- Successfully identified four distinct customer groups, enabling targeted marketing strategies tailored to each segment.
- Aimed to enhance revenue generation, improve customer retention, and offer personalized experiences for increased satisfaction through effective customer clustering.

**AI-Powered Disease Risk Prediction System** - [Project Link](#) - Python, Web Scrapping, Pandas, Power BI

June 2024

- Developed a system to predict chronic disease risks (e.g., diabetes) using patient health data and lifestyle patterns.
- Implemented using TensorFlow, Python, and Flask for deployment, leveraging a federated learning model to ensure data privacy and compliance with HIPAA.
- The system achieved 90% prediction accuracy, aiding healthcare providers in improving preventive care strategies.

**T20 World Cup Cricket Data Analysis** - [Project Link](#) – Power BI, Python, SQL, Web Scrapping

November 2023

- Developed a Power BI report to identify the top 11 players for a T20 cricket team.
- Utilized BrightData for data scraping from ESPN Cricinfo, and employed Pandas for data cleaning and transformation.
- Categorized players into roles such as openers, middle-order, anchors, finishers, all-rounders, specialists, and fast bowlers using Power BI dashboard. Evaluated player performance metrics to generate insights.

## Certifications

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**Microsoft and LinkedIn Learning** - Data Analysis Professional Certificate

**Udemy** – The Complete Python Bootcamp