

ABIKRISHNA P

Aspiring Data Scientist | Python & AI/ML Developer | Data Analyst

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PROFESSIONAL SUMMARY

Aspiring Data Scientist with expertise in Python, Data Science, and AI/ML. Skilled in EDA, feature engineering, predictive modeling, and data visualization (Power BI, Matplotlib, Seaborn). Proficient in SQL, MongoDB, and deploying ML models using Scikit-learn, TensorFlow, and Flask. Recognized for award-winning projects that improved efficiency by 30%+.

INTERNSHIP

Data Science Intern | PTEX, Tirupur, India

Jul 2025 — Jul 2025

- Processed and analyzed datasets of 50K+ records, improving data cleaning efficiency by **35%**.
- Developed and deployed **machine learning models** (classification & regression), enhancing prediction accuracy by **22%**.
- Created **interactive dashboards in Power BI**, reducing reporting time by **40%** for stakeholders.
- Tech Used:** Python, Pandas, NumPy, Scikit-learn, Power BI, SQL

Data Science Intern | iStudio, Coimbatore, India (Remote)

Jun 2025 — Present

- Performing **data preprocessing and visualization**, improving dataset handling efficiency by **30%**.
- Building **predictive models** to deliver actionable insights, improving decision-making speed by **25%**.
- Designing **real-time analytics dashboards** with automated updates, reducing manual reporting by **35%**.
- Tech Used:** Python, Pandas, Matplotlib, Seaborn, Machine Learning, Power BI

SKILLS

Programming Languages : Python, JavaScript, C

Web Development : HTML, CSS, Flask

Data Science & ML : Data Analysis, Machine Learning, EDA, Feature Engineering, Deep Learning, Predictive Modeling

Libraries & Frameworks : Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Keras

Databases : MySQL, MongoDB

Tools & Platforms : Power BI, Google Colab, Jupyter Notebook, GitHub, VS Code, Excel

PROJECTS

Autonomous Obstacle Avoiding Car, [Link](#), Coimbatore

Oct 2023 — Nov 2023

- Developed and programmed an autonomous vehicle achieving **100% obstacle detection accuracy**.
- Integrated ultrasonic sensors and Arduino for real-time navigation.
- Secured 1st Prize at Demo Day for innovation and performance.
- Tech Used:** Arduino, Python, Embedded C, Sensors

Data Science AI Disease Predictor, Oracle University, [Link](#), Coimbatore

Mar 2025 — May 2025

- Built an AI-powered disease prediction application, improving model accuracy by **22%**.
- Implemented **data preprocessing, feature engineering, and ML algorithms** for reliable health risk assessment.
- Created a Flask-based interface enabling instant predictions.
- Tech Used:** Python, Pandas, Scikit-learn, Flask, NumPy, Matplotlib

E-Commerce Website, CodeAlpha, [Link](#), Coimbatore

Jun 2025 — Jul 2025

- Implemented a fully functional eCommerce platform with product browsing, cart management, and secure checkout.
- Integrated payment gateway and authentication system, boosting transaction success rate by 95%.
- Optimized performance, reducing page load time by 40% for better UX.
- Tech Used:** HTML, CSS, JavaScript, Flask, MySQL

EDUCATION

Akshaya College of Engineering and Technology, Coimbatore, India - Bachelor of Engineering (B.E.), Computer Science and Engineering - (GPA: 7.98/10 (till 3rd semester))

Aug 2023 — Present

Specializations: **Data Science, Artificial Intelligence, Full Stack Development**

Led multiple **academic projects**, including 3+ award-winning AI/ML solutions.

Active participant in **hackathons, coding contests, and technical events.**

Bishop Ubagaraswamy Higher Secondary School , Tiruppur - <i>Higher secondary, Computer Science</i>	Jun 2021 — May 2023
Percentage: 74%	
Strong foundation in programming, mathematics, and logical problem-solving.	
Shri Makesh Vidhyalaya Matriculation School , Tirupur - <i>Matriculation Board</i>	Jun 2019 — Apr 2020
Percentage: 80%	
Maintained 100% attendance with consistent academic performance.	

AWARDS & ACHIEVEMENTS

First Prize Winner – Demo Day Project Competition for Autonomous Obstacle Avoiding Car, Akshaya College of Engineering and Technology	Nov 2023
Department Rank Holder, Akshaya College of Engineering and Technology	Sep 2024

CERTIFICATIONS

Software Testing Certification – Manual & Automation Basics, Cursa	Nov 2024
Full Stack Development Certification – HTML, CSS, JavaScript, Flask, NoviTech R&D Private Limited	Jan 2025
Data Analytics Certification – Excel, SQL, Power BI, NoviTech R&D Private Limited	Apr 2025
Python Data Analysis Certification – Pandas, NumPy, Data Visualization, LinkedIn	May 2025
Oracle Cloud Infrastructure (OCI) 2025 Certified Foundations Associate, Oracle University	May 2025
Data Science Certification – Machine Learning, Data Preprocessing, Model Deployment, Internshala Training	Aug 2025

VOLUNTEERING

• Project Team Leader, Akshaya College of Engineering and Technology, Coimbatore, Tamil Nadu	Oct 2023 — Present
• Student Coordinator – Science Club, Akshaya College of Engineering and Technology, Coimbatore, Tamil Nadu	Aug 2024 — Present
Class Representative, Akshaya College of Engineering and Technology, Coimbatore	Aug 2025 — Present

ADDITIONAL INFORMATION

- **Languages:**
 - English (Fluent)
 - Tamil (Native)
- **Hobbies & Interests:**
 - Cricket (college-level player, team captain experience)
 - Public speaking & debate
 - Mentoring junior students in programming & project building
 - Tech event organizer & volunteer
 - Participating in coding contests & hackathons
 - Exploring AI/ML trends