

ABIKRISHNA P

Data Science | Full Stack Developer | Python Developer

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PROFESSIONAL SUMMARY

Results-driven **Data Science and Full Stack Developer** with strong expertise in Python, Machine Learning, SQL, and Flask. Experienced in developing predictive models, automated dashboards, and end-to-end web applications. Improved data processing speed by **35%**, enhanced model accuracy by **20%+**, and reduced reporting time by **40%** across internship and academic projects. Skilled in EDA, feature engineering, API development, and building data-driven solutions that optimize decision-making and user experience.

EDUCATION

Akshaya College of Engineering and Technology, Coimbatore, India - *Bachelor of Engineering (B.E.), Computer Science and Engineering - (GPA: 7.98/10 (till 4rd semester))* **Aug 2023 — Present**

Secured **Department Rank Holder** (2024) for academic excellence.

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 - *Higher secondary, Computer Science* **Jun 2021 — May 2023**

Percentage: 74%

Built a strong foundation in **programming, algorithms, and mathematics**.

Shri Makeash Vidhyalaya Matriculation School, Tirupur - *Matriculation Board* **Jun 2019 — Apr 2020**

Percentage: 80%

Represented school in academic events and science exhibitions

INTERNSHIP

Data Science Intern | PTEX, Tirupur, India **Jul 2025 — Jul 2025**

- Processed and analyzed **50K+ records**, improving data cleaning efficiency by **35%** using Python and Pandas.
- Developed and deployed **classification and regression models**, increasing prediction accuracy by **22%**.
- Built **Power BI dashboards** that reduced stakeholder reporting time by **40%** through automated visual insights.
- Collaborated with the data team to streamline workflows, reducing manual tasks by **25%**.

Data Science Intern | iStudio, Coimbatore, India (Remote) **Jun 2025 — Present**

- Performed end-to-end data preprocessing and visualization, improving dataset handling efficiency by **30%**.
- Built predictive machine learning models delivering insights that improved client decision-making speed by **25%**.
- Designed and implemented **real-time analytics dashboards** with automated updates, reducing weekly reporting effort by **35%**.
- Integrated Python-based ML pipelines for faster model testing and deployment.

SKILLS

Programming Languages : Python, JavaScript

Full Stack Development : HTML, CSS, Flask, API Development

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

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

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**

- Achieved **100% obstacle detection accuracy** using ultrasonic sensors and Arduino.
- Improved navigation responsiveness by **30%**.
- Won 1st Prize** at Demo Day for innovation and performance.
- Tech:** Arduino, Python, Embedded C, Sensors

Data Science AI Disease Predictor, Oracle University, [Link](#), Coimbatore **Mar 2025 — May 2025**

- Built ML-based disease prediction model with **22% higher accuracy** using Scikit-learn.
- Performed extensive data preprocessing and feature engineering.
- Developed a **Flask web interface** for real-time predictions.
- Tech:** Python, Pandas, Scikit-learn, Flask, NumPy, Matplotlib

CurioData, Link, Coimbatore	Aug 2025 — Oct 2025
<ul style="list-style-type: none">• Processed large-scale educational datasets, improving clarity and structure by 30%.• Built ML models generating personalized learning insights with 20%+ accuracy improvement.• Designed interactive dashboards enhancing decision-making speed by 35%.• Tech Used: Python, Pandas, Power BI, Excel, MySQL• Tech: Python, Pandas, Power BI, Excel, MySQL	

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

<ul style="list-style-type: none">• Languages:<ul style="list-style-type: none">• English (Fluent)• Tamil (Native)• Hobbies & Interests:<ul style="list-style-type: none">• Cricket (college-level player)• Mentoring junior students in programming & project building• Tech event organizer & volunteer• Participating in coding contests & hackathons• Exploring AI/ML trends	
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