

# Krishna Birla

Pashan, Pune, Maharashtra

☎ 9588620228 | ✉ [krishnabirla336@gmail.com](mailto:krishnabirla336@gmail.com) | [in krishnabirla](https://www.linkedin.com/in/krishnabirla) | [🐙 Krishna9588](https://github.com/Krishna9588)

## Summary

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I'm passionate about technology, particularly in AI, backend development, machine learning, and drone technology. I'm eager to contribute to meaningful projects while improving my skills. I work well in teams, adapt quickly, and stay committed to personal and professional growth. I'm confident, and communicative, and have two years of experience hosting & anchoring college events.

## Experience

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### Aroma Brand Solution

Jan 2025 - Present

Backend Developer Intern.

- Developing RESTful APIs for efficient data exchange and seamless backend operations.
- Building intelligent backend solutions using Python.
- Collaborating with cross-functional teams to design and deploy scalable features that enhance user experience.

## Technical Skills

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- Languages – Python, SQL, JavaScript
- Web Development - HTML, CSS.
- Technologies – Git Hub.
- Concepts – Object-Oriented Programming.

## Projects

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1. **Marketing Analysis - Case Study** | Python, Pandas, NumPy. | [🔗Project Link](#)  
Analyzed 2 sets of structured sales data to identify **top 3 best-selling products** and **top 10% of most loyal customers**, driving **data-driven decision-making** for inventory optimization and customer retention. Leveraged Python with Pandas/NumPy for data cleaning, aggregation, and statistical analysis, with results exported to CSV for stakeholder **review**.
2. **Land Price Prediction & Trend Forecasting** | Python, NumPy, Scikit Learn, and Matplotlib.  
Developed a **Linear Regression Model** to predict land prices and forecast market trends using historical data (location, area, market conditions). Achieved 85% accuracy by optimizing feature engineering and validating results with k-fold cross-validation. Visualized trends and predictions using Matplotlib to highlight correlations between economic factors and price fluctuations.
3. **Library Management System** | MySQL  
A Library Management System built using **MySQL** involves designing a relational database to efficiently manage books, users, transactions, and other library operations. The system utilized DDL and DML query operations to optimize query performance, reducing book search time by 40%.

## Education

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Pursuing B.E in **Artificial Intelligence and Machine Learning** – Pre-Final Year

Nov 2022 – Present

College – ISBM College of Engineering, Pune.

**CGPA - 8.09**

## Soft Skills

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- Communication
- Problem-Solving
- Teamwork
- Adaptability