

# Mahibalan

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[github.com/MahiBalan2215](https://github.com/MahiBalan2215)

## Profile Summary

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**Detail-oriented and driven Python Developer** with a strong foundation in **data structures, algorithms, and software design principles**. Proficient in building **scalable, data-driven applications** and automation tools. Skilled in **SQL** for database management, **Notion** for project documentation, and **MS Office** for reporting and analysis. Passionate about **clean code**, continuous integration, and agile team collaboration. Eager to contribute **technical expertise and problem-solving mindset** to innovative development teams.

## Education

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**Anand Institute Of Higher Technology**, BE in Computer Science And Engineering 2022 – 2026

- GPA: 8.11/10
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Design & Creativity

## Projects

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**Daily Expense Logger** [github.com/MahiBalan2215/](https://github.com/MahiBalan2215/)

- **Developed a command-line based Daily Expense Tracker** with full **CRUD (Create, Read, Update, Delete)** functionality using **Python** and **CSV** for persistent data storage.
  - Implemented robust **file handling operations**, optimized for data integrity and user input validation.
  - Emphasized **modular programming practices**, improving code reusability and readability.
  - Designed a user-friendly interface for seamless navigation and interaction within the terminal environment.
  - Built a foundation for future integration with GUI frameworks like **Tkinter**.
- Tools Used: Python,SQL

**Graphic Design Work** [github.com/MahiBalan2215/](https://github.com/MahiBalan2215/)

- **Designed professional business cards and promotional posters** for a local food catering business, aligning with the brand's identity and target audience.
  - Focused on **brand consistency, visual hierarchy, and high-impact layouts** to enhance market presence.
  - Utilized design tools like **Adobe Photoshop and Illustrator** to deliver print-ready and digital assets.
  - Ensured **design clarity, readability**, and adaptability across various formats and mediums.
  - Collaborated closely with the client to translate business goals into compelling visual communication
- Tools Used: Adobe Photoshop and Illustrator,Canva

## Certification

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- Python for Beginners – Great Learning 2025
- Design Essentials – Canva Design School
- Intro to SQL – Kaggle

## Technical Skills

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**Languages:** Python,C,SQL

**Tools & Platforms :** Adobe Photoshop,Illustrator,Canva,Notion,MS Office

**Version Control:**Git & Github