

Anush Rithvic M

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Education

Bachelor of Technology in Computer Science and Engineering

Amrita Vishwa Vidyapeetham

Second-Year Student | Expected Graduation: 2027

August 2023 - Present

Coimbatore , India

Shree Sarasswathi Vidhyaah Mandheer

An aggregate of 86% in Standard 12 and 84% in Standard 10

Schooling

Coimbatore , India

Experience and Projects

Billify

 **GitHub**

Desktop Application that Generates Invoice

- Developed a Python-based software solution capable of generating invoices based on the detailed information provided. which significantly enhanced invoice generation **efficiency by 65% and accuracy by 80%**.
- Implemented Dynamic front-end using **Python** and **SQL** for the back-end implementation.

Manage Wise

Software that Manages Tasks

- Engineered a robust task management system with **project tracking, employee scheduling, and real-time analytics**, automating **75% of repetitive processes** and enhancing **task tracking accuracy by 65%**.
- Responsive front-end application using Python, seamlessly integrating with an SQL-based back-end, optimizing data retrieval, and enhancing user experience and operational efficiency.

Smart Mirror

A Mirror that Blends Functionality with Innovation

- Developed a state-of-the-art **intelligent mirror** with real-time updates, including **time, weather, news, personalized to-do lists, and music playback**, integrating **APIs for live updates** and a **voice control system** for hands-free operation.
- Utilized **Raspberry Pi** as the primary hardware platform, with Python for the user interface and Storage solutions are met with SQL

Classi Fly

A High-Performance Bird Classification Model

- Deployed an advanced machine learning model capable of accurately classifying bird species, supporting over **199 distinct bird classes** utilizing the Kaggle dataset.
- Leveraged advanced deep learning frameworks, including **TensorFlow** and **PyTorch**, for model training, optimization, and deployment using pre-trained models.

Skills

Language Python , SQL , C , Java , HTML

Problem Solving Data structures , Algorithms and Logical Thinking.

Soft Skills Project Leadership , Event Management , Time Management and Prioritization

Frameworks & Tools Tkinter, TensorFlow, PyTorch, PyGame, VS Code, PyCharm, Code Blocks, Windows, macOS

Areas of Interest App Development, System Design, Competitive Programming .

Achievements and Activities

- Passionate about basketball and high jump, using my tall stature and teamwork skills to achieve competitive success. Participated in inter-school tournaments, **developing discipline and leadership abilities**.
- Developed innovative projects like Smart Mirror and Manage Wise to improve daily and **workplace efficiency**.
- Enthusiastic about technologies like **Raspberry Pi, APIs, and machine learning**, applying them to build practical solutions.
- Led a six-member team in **Smart India Hackathon** and participated in **Tech Fest 2022** organized by SSVN.
- Certified in **Python and Problem Solving** by HackerRank.