

KAMILATH RIFKA

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Skills

- **Programming Languages:** Java, Python, SQL, HTML5, ReactJS,
- **Frameworks & Libraries:** Flask, Streamlit, Flutter
- **Tools & Technologies:** Git, Firebase, Power BI, Google Colab, Excel
- **Core Knowledge:** Data Structures & Algorithms, Object Oriented Programming

Projects

E-commerce Web App | *ReactJS, Firebase, JavaScript, CSS*

May 2025

- Developed a responsive e-commerce app featuring **bilingual support** (Tamil/English), dark mode, and secure Firebase authentication.
- Implemented dynamic cart and checkout workflows alongside an **AI chatbot** managing **50+ product** and FAQ queries.

Mentor Hub Application | *Flutter, Firebase, Cloud Firestore*

Jan - April 2024

- Built a cross-platform mobile app connecting **500+ university alumni** with **1,000+ students** for mentorship and networking.
- Enabled **real-time messaging with 90% user engagement**, facilitated **100+ job postings**, and managed **20+ events** through the app's event management system.

Automated Invoice Processing System | *Gemini API, Flask, SQLite*

March - May 2023

- Developed an AI-based system to **extract, validate, and categorize** invoice data, cutting manual processing time by **95%**.
- Enhanced accuracy and operational efficiency in **financial data** management.

Certifications

• Introduction to MongoDB - MongoDB

Feb 2024

• Java Programming — IIT Kharagpur

July - Oct 2023

• The Joy of Computing Using Python — IIT Madras

July -Oct 2023

Accomplishments

- Received the **2025 Best Project Award** at Sathyabama Institute of Science and Technology for outstanding innovation in my final year project.
- Received scholarships for securing **2nd rank** (2023) and **1st rank** (2024) in the IT Department at Sathyabama Institute of Science and Technology.
- Published research papers on **gesture-controlled drones** at **Mi-IRICT 2024** (Malaysia) and **ICICCS 2025** (Erode).

Education

Sathyabama Institute of Science and Technology

Chennai, India

Bachelor of Technology - Information Technology

Sep 2021 - June 2025

- **CGPA: 9.52** | Percentage: **90.44%**
- **Electives:** UI/UX, R Programming
- **Core Subjects:** Data Structures, DBMS, Operating Systems, Networking