

Manasi Sawant

New York, United States | <https://mansi-portfolio-iota.vercel.app> | sawantmanasi239@gmail.com |
<https://www.linkedin.com/in/mansi-sawant-a344161b4/>

SUMMARY

I am a recent Computer Science graduate from Syracuse University with a strong foundation in full-stack development. At Boeing, I contributed to scalable systems using .NET, C#, and SQL Server. I'm now focused on iOS development; building user-centered apps with Swift and modern Apple technologies.

EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY August 2023 - May 2025
Master of Science in Computer Science

- Relevant course work: Design and Analysis of Algorithm, Introduction to AI, Computer Architecture, Structured Programming.

University of Mumbai - Smt. Indira Gandhi College of Engineering, Mumbai, India July 2018 - July 2021
Bachelor of Engineering in Computer Engineering

- Relevant Coursework: Data Structures, OS, HMI, Theory of Computer Science, Database Management System.

EXPERIENCE

Programmer Analyst, Boeing – Bangalore, Karnataka, India October 2021 - July 2023

- Developed and maintained factory automation applications using **.NET Framework, .NET Core, and Microsoft SQL Server**, collaborating with global cross-functional teams to deliver scalable solutions.
- Spearheaded adoption of **Microservice architecture**, resulting in a 5-6% increase in operational efficiency and a 10-15% improvement in user experience for Smart Factory Applications.
- Implemented Application Performance Monitoring (APM) tools like **SonarQube** and **Splunk**, improving application performance and reducing downtime by 20%.
- Identified and resolved UI bugs to increase Smart Factory Application user experience by 10-15%.
- Designed and deployed **RESTful APIs** to facilitate seamless integration between microservices, enhancing system modularity and scalability.

PROJECT

Thrive App - GitHub: <https://github.com/Mansi2923/Thrive-> May 2025

- Built a comprehensive self-development app using SwiftUI, integrating planner, habit tracker, mood tracker, and journaling features.
- Implemented Firebase authentication and user management, along with CoreData for secure local data persistence.
- Designed a scalable MVVM architecture with modular organization of models, views, and view models.
- Enabled real-time sync, rich animations, and interactive UI for seamless user experience.

Tech Doc Search Bot January 2025

- **GitHub Link: <https://github.com/Mansi2923/tech-doc-search-bot>**
- Developed a modern, scalable platform using Next.js, GraphQL, Prisma, and Turborepo to support full-text and semantic search across technical documentation.
- Built an intuitive Admin UI for document management, integrated an analytics dashboard for search insights, and enabled user feedback collection.
- Built an intuitive Admin UI for document management, integrated an analytics dashboard for search insights, and enabled user feedback collection.

Movie App - GitHub: <https://github.com/Mansi2923/Movie-App> March 2025

- Built with SwiftUI and Swift, enabling users to discover, search, and organize movies with a modern interface.
- Integrated Firebase for real-time authentication, profile management, and Firestore sync.
- Consumed TMDB API to fetch trending, top-rated, and detailed movie info.

TECHNICAL SKILLS

- Web Development: HTML5, CSS, JavaScript. React, Next.js, Typescript.
- Programming: Java, C/C++, C#, Python, Swift.
- Database: MySQL, Microsoft SQL Server, PostgreSQL, MongoDB
- Computer Science Fundamentals: OOP, DSA, Problem Solving.
- Version Control Tools: Git, GitLab.
- Mobile Application Development: Native iOS, Native React Apps, SwiftUI, Flutter, Firebase, CoreData, SQLite, Xcode.

PUBLICATIONS

- Imapagine: Mind map generation tool using AI technologies.