

Manasi Sawant

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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
Master of Science in Computer Science

August 2023 - May 2025

- 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
Bachelor of Engineering in Computer Engineering

July 2018 - July 2021

- 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 – GitHub: <https://github.com/Mansi2923/tech-doc-search-bot>

January 2025

- 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.
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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.