

# Pradnya Kadam

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Software Developer based in Chicago with a Master's in Computer Science, experienced in building full-stack and mobile applications with a growing focus on iOS development. Proven record in academic, administrative, and internship settings, with strong skills in Java, React, and Swift.

## EDUCATION

### DePaul University - Chicago, Illinois

GPA: 3.5/4.00

M.S. in Computer Science (Concentrations: Software and Systems Development)

June 2025

- Related Coursework: Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Artificial Intelligence, Object-Oriented Programming, Mobile Application Development in Android and iOS, Software Testing

### Savitribai Phule Pune University - Maharashtra, India

GPA: 3.4/4.00

Bachelor's in Computer Engineering

June 2023

- Achievements: Magazine and Documentation Head at Association of Computer Engineering Students (ACES).

## SKILLS

**Programming:** Java, Python, Swift (iOS), HTML, CSS, JavaScript, SQL, Node.js, React.js, C++, C, Rust

**Tools and Technologies:** Xcode, Android Studio, Spring Boot, Git, REST APIs, MySQL, Jupyter Notebooks, PostgreSQL, Docker, Figma, Agile.

## PROJECTS

### Algorithm Viewer - iOS App

- Engineered an iOS app to animate and compare 4 sorting algorithms, enhancing visualization for 100+ users.
- Programmed multithreaded sorting with GCD, cutting UI lag by 80%.
- Designed a custom chart view with real-time highlights, boosting clarity by 50%+ based on feedback.

### Recipe Finder - iOS App

- Built a native iOS app with Core Data to manage 50+ dynamic recipes and user favorites.
- Designed a gesture-driven UI using UIKit, improving recipe navigation speed by 40%.
- Solved data syncing and match accuracy issues, raising filtering precision to 100% for selected ingredients.

### Weather App - Android

- Built an Android weather app in Java using Visual Crossing API, supporting 15-day forecasts and real-time geolocation.
- Engineered dynamic UI with RecyclerView, gradient visuals, and custom icons, improving UX clarity by 60%.
- Integrated location picker, map view, and unit toggle, enhancing user control and feature accessibility by 50%.

### Merchandise Mart - Full-Stack E-Commerce Web Application

- Built a full-stack e-commerce site with React + .NET Core, supporting secure checkout and JWT auth for 100+ users.
- Programmed RESTful APIs and integrated SQLite with Entity Framework, streamlining backend data flow by 50%.
- Deployed Dockerized app on Render.com, delivering a fully responsive, production-ready experience in under 3 seconds load time.

## EXPERIENCE

### College of Computing and Digital Media, DePaul University

Chicago, Illinois

Grader

September 2024 – Present

- Assessed over 100+ programming assignments in courses like Object-Oriented Software Development and Database Programming, ensuring accuracy and code quality.
- Provided detailed, technical feedback on Java and SQL-based projects, helping students improve logic, syntax, and debugging skills.

### Division of Mission and Ministry, DePaul University

Chicago, Illinois

Faculty and Staff Engagement Assistant

June 2024 – Present

- Developed and maintained a custom WordPress website to streamline blog publishing and increase faculty engagement, boosting monthly traffic by 40%.
- Supported the execution of 10+ programs and campaigns by providing technical troubleshooting, data integration, and backend updates to ensure smooth digital operations.

### Let's Grow More

Maharashtra, India

Software Development Intern

March 2022 – April 2022

- Developed and deployed 3+ real-time web applications using ReactJS and JavaScript, improving UI responsiveness by 50%.
- Designed interactive web prototypes in Figma and translated them into production-ready components, accelerating development cycles by 30%.

## LEADERSHIP EXPERIENCE

### Lions Club of Lonavala Supremos

Maharashtra, India

Technical Head

June 2022 – July 2023

- Led technical operations for 15+ club events, conducting risk assessments and implementing security protocols that safeguarded member data and digital registrations, reducing technical issues by 70%.