



## PROFILE

Love programming mobile applications with a special interest in the iOS platform and Swift UI framework. Learning React and working on small web projects. Proficient in most modern programming languages and frameworks. Full stack web development with Django as a backend framework is also an asset of mine. A team player, passionate about tech and coffee addict.

## CONTACT

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# PROYASH SAHA

## EDUCATION

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**University of Manitoba**  
2017 - 2021  
B.Sc. in Computer Science

## TECHNICAL SKILLS

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- Proficient in Java, Swift, Ruby, C, C++, Python, and JavaScript.
- Familiar with SQL, Firebase, Mongo DB, AWS and Django.
- iOS app development using Swift and SwiftUI.
- Full stack web development with React as the front end.
- Comfortable using VS Code, IntelliJ Idea, PyCharm, Android Studio, XCode, Git, MS Office, Postman.

## PROJECTS

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### Ventori

An iOS app built using the Swift language to help manage inventory for small businesses. Some features include scanning a barcode to search for a product and a push notification system for item expiry dates. The app also keeps track of the count, selling price, profits, and cost price.

### WhoDunnit

A command line game written in Ruby. I made this game as a quick project during summer. This program simulates a simpler version of the game Clue.

### GoodHabits

A habit-tracking android application that can be used to develop good habits or get rid of bad habits. The main goal of Good Habits is to make an individual complete the tasks they have created. Some features include daily motivational quotes, goal progress view and a notification system to help you check in on your goals, in a timely manner.

### PGM-Image-Library

A pgm image library written in Python. Provides basic image manipulation functionalities like reflecting image from left to right, top to bottom, invert black and white colour, increase brightness by a certain percentage, smoothening, edge detection, thinning of edges after detection and suppressing noise.