

Alan Sebastian Mathew

iOS Developer

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Highlights of Qualifications

- ▶ Strong understanding of swift programming language and Xcode.
- ▶ Used frameworks like Coco pods, Alamofire, SwiftyJSON and applied object-oriented programming and MVC on different applications.
- ▶ Knowledge about python, java, C++, c#, flutter, JavaScript, PHP, Dart, Rest-API, AWS, Relational database.
- ▶ Strong oral and written communication skills, and ability to explain complex technical issues.
- ▶ Experience in Restful APIs, AWS Lambda, PyTorch, Core Data, Core Animation, ARKit, Apple Vision framework, Core Location.
- ▶ Have strong analytical and problem-solving skills.

Relevant Experience

Software Developer | Researcher Co-op @ Conestoga Research

Jan 2023 - Jun 2023 // Cambridge, Ontario, Canada

- ▶ Researched, designed and development a realtime augmented reality scanning iOS application with CoreML, CoreData, Vision frameworks.
- ▶ Scraped, cleaned specific domain data set for training ML model.
- ▶ Researched and trained YOLO model on PyTorch, TensorFlow and CreateML platforms, as well as converted trained weight into CoreML.
- ▶ Created a prototype application with apple vision framework to get realtime detection based on the predictions from the CoreML model.

Junior iOS Developer @ Innovation Incubator Advisory

June 2021 - April 2022 // Trivandrum, Kerala, India

- ▶ Collaborated with companies consumer application and developed a seller application from the bottom up.
- ▶ Communicated with teams of engineers, designers, producers daily.
- ▶ Used MVC architecture, with relevant usage of coco-pods to implement functionality that were on the requirements.
- ▶ Exclusive Usage of GitHub to maintain code basics and collaborations.
- ▶ Acquired knowledge about communicating with endpoint API and usage of user defaults to store data locally and how to maintain efficiently on retrieval.

IOT internship @ Innostack

March 2018 // Kallor, Kerala, IN

- ▶ Learned about programming in Arduino UNO.
- ▶ Grasped about the lifecycle of a process in IOT devices and efficient usage of frequencies in which a process can be called without overclocking or frying up the board.

Skills

Programming Languages & DB

Swift (UIKit), Python3, Java, C, C++, Flutter, JavaScript, Dart, PHP, Visual Basic, HTML, CSS, MySQL, DynamoDB.

Tools & Platforms

Confluence, Jira, Bitbucket, Github, Firebase, Xcode, Android Studio, Amazon Web Service, Gitlab, windows, linux, macOS, MS Office, iWork.

Education

Mobile Solutions Development

Conestoga College May 2022 - August 2023

Encompassing mobile application design, native and cross-platform development, user experience optimization, and deployment strategies for iOS and Android platforms.

Master of Computer Application

Amal Jyothi 2016 - July 2021

Software development, programming languages, algorithms, database management, and computer networks through comprehensive and rigorous programs.

Projects

FoodARoma

Customize pizza using AR, ordering, interactive UI, Restaurant order listing, sales report etc

Swift UIKit | CoreLocation | ARKit | SceneKit.

Penny

Penny is an open source expenses manager which helps individuals to track their spending.

Swift UIKit | CoreData | CoreLocation.

Find

Offline device finding application which can be used both in iOS and android platform with low power bluetooth signal.

Flutter | Dart | Bluetooth | Location | Rest-API