

# AKSHAY ANIL CHOUGULE

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## EDUCATION DETAILS

- **Syracuse University**, Syracuse, NY  
**Master's in Computer Science**  
Aug 16- May 18
- **Visvesvaraya Technological University**, India  
**Bachelor of Engineering in Computer Science**  
Aug 12- May 16

*Coursework (MS): Design and Analysis of Algorithms, Principals of Operating System, Cloud Computing, Android Programming, Computer Architecture, Object Oriented Programming, Structured Programming and Formal Methods, Mathematical Basics of Computing, Software Engineering, Mobile Application Programming(IOS).*

## TECHNICAL SKILLS

- **Languages/Web Technologies:** Java, C++, SQL, JavaScript, HTML, CSS, PHP, WordPress, Android, Swift.
- **IDE/Tools:** Android Studio, MS Office, MS Visual Studio, Firebase, Justinmind Prototyper, Eclipse, Solid Edge, OpenGL, VMware VSphere, FileZilla, Wamp/Xampp servers, GitHub, Xcode.

## INSTITUTIONAL EXPERIENCE

- Worked as a **Teaching Assistant for Android Programming** Course at Syracuse University. **Jun 17- Aug 17**  
Helped Students design an App from scratch to adding the app to play store and help debug their issues throughout the coursework. Presented on using Firebase and use of different API's. Assisted professor in designing the coursework.

## PROJECTS TO MY CREDIT

- **Go Fit – Android Application**  
Developed an application which provides details about gym resource utilisation with fitness and diet suggestions and helps keep track of the user's fitness routine. The app also helps locate nearby fitness centres. Made use of Rest API, Retrofit API, Different Third-party API's, Firebase security, Real-time database storage and different advanced animations.
- **Smart Chatbot for Hotel Industry**  
A web application with chatbot integrated with the features of Amazon's smart assistant Alexa by using the LEX API. Featured with chat/voice assistance for both general purpose query and client specific queries. Additionally, extending the chatbot features to Facebook messenger and Slack to make it more accessible.
- **Multilevel Cryptography and Lock Approach for Storing Data in Cloud**  
Developed a web based adaptive and interactive application developed using JavaScript, HTML, CSS at the frontend and PHP at the backend with Cryptography and Password Locking as the security measures which ensures users data to be safe in cloud.
- **Pac Man Game**  
This is a mini project which uses computer graphics as its base. It is developed in OpenGL environment which has its own OpenGL programming language.
- **OSP2 – Implementation of Operating System**  
Consisted of designing modules of a virtual operating system as a part of the curriculum using java programming language. The modules consisted of Tasks and Thread handling, memory and device management etc.

## WORKSHOPS ATTENDED

- **Android Programming:** Hands on Experience on designing and developing an Android Application.
- **Web Development:** Hands on Experience of designing and developing a Website and its deployment.

## ACHIEVEMENTS & EXTRA- CURRICULUM

- Honoured with 'YUVASHILPI-2015' Award for Excellence in Professional Studies, Social Concern and Sports.
- State Level **Soccer player** and an **Athlete**.
- Cleared the **Certificate 'A'** NCC Examination held under authority of Ministry of Defence, Govt. of India.