

Prashuk Ajmera

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EDUCATION

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| • University of Texas , Dallas - TX | Dec 2020 |
| Master of Science - Computer Science | GPA 3.6/4.0 |
| • VIT University , Vellore - India | May 2015 |
| Bachelor of Technology - Computer Science | GPA 3.8/4.0 |

TECHNICAL SKILLS

Languages: Java, JavaScript, Swift, Python, C#, C++, Objective-C, CLISP, Prolog

Mobile: iOS Development, Android Development, React Native, Xamarin, Kony

Web: HTML, CSS, jQuery, Ajax, React/Redux, VueJS, Bootstrap, REST, GraphQL, Nodejs, Express

Databases: Oracle, MySQL, Firebase, MongoDB, DynamoDB

Other: Machine Learning, ASP.Net, AWS

PROFESSIONAL EXPERIENCE

Frontend Developer, STEPP NSF (UTDallas), Dallas – TX Jun 2020 – Present

- Developed a web app using VueJS, hosted on AWS cloud that has 10000+ current users
- Integrated GraphQL & REST endpoints using VueApollo and Axios respectively
- Collaborated with back-end developer to design the architect for better performance & reliability
- Optimized application for scalability by reusable components that improves the loading speed by 25%
- Secured application by implementing captcha authentication and role-based authorization

Software Developer Intern, Bose Corporation, Boston – MA Aug 2019 – Jan 2020

- Developed a prototype for the smartwatch that controls the Bose headsets by hand/wrist tracking
- Captured motion data in 3D space using CoreMotion framework & analyzed in Python
- Cleaned & filter out the noisy data using SciPy – Curvefit approach & Kalman filter
- Similar functionality is implemented with the Swift programming language for Apple Watch OS
- Integrated Machine Learning models with CoreML to detect hand gestures/tracking

Software Developer, Cognizant Technology Solutions, India Sep 2015 – Aug 2018

- Experienced in development of 6 complex iOS apps using varied Apple Frameworks
- NHMedicare - Developed a patient's health statistics iOS app that records health data & notifies doctor about the patient's condition
- Improved app quality through code reviews & writing unit tests in XCTest with ~82% code coverage
- Collaborated with other teams for requirements, design & evaluate technical feasibility
- Bagged Star Performer of the year for adhering to delivery timelines and presenting a bug-free project
- Hands-on experience in cross-platform application – React Native & Kony (JavaScript) development
- Experienced in Agile, SCRUM, JIRA and versioning tools (Git)

TECHNICAL PROJECTS

NeetiZen – React/Redux, React Native, Bootstrap, Firebase

- Free-lanced at a pre-seed stage startup as a full stack developer, developed web & mobile application
- Developed and implemented secured authentication using email/phone authorization
- Gained ample amount of experience on virtual DOM (unidirectional), states, props & ES6

Fitness – iOS, Swift, SwiftUI, Combine, MVVM, Firebase

- Developed an iPhone app in which a user can create workout challenges along with daily increments
- Implemented push notification for daily reminders as set by the user
- Created animations with SwiftUI for better user experience

Travellers – iOS, Swift

- Responsible for development of consistent UI throughout the app using UIKit, CoreAnimations
- Enhanced searching, similar to web browser which highlights the targeted word
- Integrated touchID/faceID using LocalAuthentication and used MVC architecture for development