PRASHUK AJMERA

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EDUCATION
- **University of Texas**, Dallas - TX   Expected Dec'20
  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: Swift, Java, JavaScript, Python, C#, Objective-C, CLISP, Prolog
Mobile: iOS Development, Android, React Native, Kony, Xamarin.iOS, Apache Cordova
Web: HTML, CSS, React, Redux, VueJS, Bootstrap, GraphQL, AWS, MySQL, Firebase

PROFESSIONAL EXPERIENCE
*Research Assistant - **Web Developer**, STEPP, Dallas – TX*   *Jun 2020 – Present*
- Developing the Web application using VueJS, GraphQL and AWS for STEPP which is NSF funded project
- Working in all phases of SDLC like Requirement Analysis, Implementation and Maintenance
- Customizing the CSS framework – Vuetify for the project according to requirements
- Hands-on experience in modern development tools, like Babel, Webpack, ES6 and Git

iOS Developer Intern, Bose Corporation, Boston – MA   *Aug 2019 – Jan 2020*
- Developed a prototype for Apple Watch that controls the Bose headsets by hand/wrist tracking
- Captured motion data in 3D space using CoreMotion framework & analyzed in Python
- Cleaned & filtered out the noisy data using SciPy – Curvefit approach & Kalman filter
- Similar functionality is implemented with Swift programming language for Apple Watch OS
- Developed ML model using Keras Neural Network classifier with CoreML to detect hand gestures

iOS Developer, Cognizant Technology Solutions, India   *Sep 2015 – Aug 2018*
- Experienced in development of iOS apps using varied Apple Frameworks - UIKit, Core Animation, Core Data, multithreading, REST, JSON and integrating with Social Networks
- Developed a patient's health statistics MVC designed iOS app that records health data and notifies doctor/nurse about the patient's condition
- Tested the same app with XCTest Framework with a reasonable code coverage of 96%
- Bagged Star Performer of the year for adhering to delivery timelines and presenting 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
Travellers – iOS App
- 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

NeetiZen – React Web & Mobile App
- Free-lanced at a pre-seed stage startup as a full stack developer, developing web and mobile application using React, Redux, React Native, Bootstrap, JavaScript and Firebase
- Developed and implemented secured authentication using email/phone authorization
- Gained ample amount of experience on virtual DOM (unidirectional), states and props