

Aishwarya Pratap Singh

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SUMMARY

Computer Science graduate student with 3 years of experience in agile, application development; quick learner, collaborative team player seeking an internship opportunity.

EDUCATION

- **Master of Computer Science** **May, 2018**
Ira A. Fulton Schools of Engineering, *Arizona State University*, Tempe, AZ
Course Work: Fundamentals of Algorithms, Multimedia and Web Databases and Software Design
- **Bachelor of Technology – Software Engineering** **May, 2013**
SRM School of Engineering, *SRM University*, Chennai, India **8.64 CGPA**

TECHNICAL EXPERTISE

- **Programming Languages:** Objective-C, Swift, JAVA, C#, JavaScript.
- **Software:** XCode, IntelliJ IDEA, Android Studio, MonoDevelop, Unity 3D, Blender, MATLAB.
- **Platform and Frameworks:** XMPP framework, Augmented Reality, Vuforia SDK, iOS Charts, GIT, SVN.

EXPERIENCE

- **Associate Architect – Mobility(iOS)**, HealthViewX, Payoda Technologies, Coimbatore, India **Nov '15 – June '16**
 - Led a team of 5 developers to create a secure communication application with role based access and HIPAA compliance.
 - Collaborated, in a team of 2, to create a m-Health iOS app for wearable data integration and synchronization of clinical data with the healthcare provider.
 - Evaluated various frameworks and libraries to derive the most suitable option for the product such as using iOS charts against other charting libraries for iOS.
 - Coordinated frequently with the stakeholders to translate the business requirements into deliverable technical solutions.
 - Performed research and development activities on the application of mobile solutions to problems in healthcare domain especially related to syncing of data to and from EMR/EHRs.
- **Software Engineer**, Payoda Technologies, Coimbatore, India **July '13 – Oct'15**
 - Partnered with various costumers to deliver timely releases ensuring high quality standards.
 - Designed and documented various reusable components resulting in up to 20% reduction in the development effort of applications by the team.
 - Engineered proof of concepts in the space of mobile retail applications, using virtual and augmented reality, to explore options for customer applications.
 - Coordinated with the pre-sales team in the estimations and viability of proposals resulting in higher customer retention.
 - Worked on applications in multiple domains resulting in high proficiency across healthcare, education, multimedia and entertainment industries.
- **Academic Tutor**, Arizona State University, Tempe, AZ **Sep '16 – Present**
 - Mentor, non-computer science background students, as a programming tutor to address technical difficulties and convey computer science concepts.
 - Discuss programming and design practices with students, enabling them to write a more structured and modular code.

AWARDS AND ACHIEVEMENTS

- Emerging Tech Guru of the Year – Payoda Tech **2015**
- Most Valuable Player of the Quarter – Payoda Tech **Sep '15**
- Above and Beyond the Call of Duty Award – Payoda Tech **Jun '15**
- Innovation Award – Payoda Tech **Dec '13**
- Founder's Scholarship for all round performance. – SRM university **2010-2013**

ORGANIZATIONS

- Research Assistant – SRM Research Institute
- Campus Manager – Star Network, Channel V Indian Fest.
- Events Manager – Aarush, SRM University Technical Fest