

## EDUCATION

- **2019-Present : MS, Arizona State University, Computer Software Engineering.**
- **2012–2016 : B.Tech, Delhi Technological University(DCE) Delhi, Information Technology.**  
Percentage – 71.16%
- **2010–2011 : Intermediate, KGSBV Chirag Enclave New Delhi.** Percentage – 93.33%(PCM).

## INDUSTRIAL EXPERIENCE

**July 2016 – July 2019 : Samsung Research Institute, Delhi,** Software Developer.

- My Roles and Responsibilities here:
- While working in Android SmartThing app team I used to work on Android Application development, UI framework, Multi-threading, REST API, JSON, parsing, Core Java, IOT Eclipse, star UML, Lint along with handle core and remote module. Implement new features in SmartThing app like(force portrait, server mode etc), handle layout modification. Creating mobile-first experiences and knowledge of how the responsive layout works.
- Tizen app development : Implement new features in LFD models,
- Handling submicom and TD device driver code. Application testing and log the defects on system. Test logged defects and solve the defects on system.
- Tizen TV Application bug fixing on front and back layer
- Handling maintenance projects, Sqa release, Tizen app doc review, Defect Review.

## TECHNICAL SKILLS

- **Programming Languages:** C, C++(proficient), CoreJava.
- **Web Development** : HTML, Css, Python, JavaScript
- **Database** : MySQL, Oracle.
- **Strong Basics** : Data Structures Algorithms and Operating Systems
- **Tools** : Android Studio, PyCharm, Git, Eclipse IDE for Java development, Matlab, OpenCv, Orcad, Factory Data Generator, Perforce Code repository, Kona for defects management, Apache Tomcat, Visual Studios, SQL Server, Oracle 11g, Diamond for Tizen app management.

## PROJECTS

- **2018-2019 : Samsung Smart Things Android App Development.**  
**Technologies Used:** Android Application Development Android Studio, UI framework, Multi-Threading, REST API, JSON, parsing, Core Java, IOT, star UML, Lint, Eclipse.  
Worked on core and remote module of smartThing App.
- **2016-2018 : DCH, RMH and DCJ development project of LFD non smart model on Submicom.**  
**Technologies Used:** Source Insight, C, Linux,  
Worked on DCH, RMH and DCJ development project of LFD non smart model in Suwon South Korea Samsung Head Quarter
- **Jan – May 2016 : Image Enhancement Using Fuzzy logic and edge based bilateral filter.**  
**Technologies used:** Opencv, MATLAB. Worked on project Image Enhancement Using Fuzzy logic and edge based bilateral filter.  
Developed three different filters for each of the tasks
  1. Removing impulse noise,
  2. Smoothing out non impulse noise and
  3. Enhancing edges using weighted of fuzzy least square method.
- **Jun – July 2016 : Online Music Portal at Sandrock eSecurty Kyrion, Delhi.**  
Completed a six weeks Industrial Training and worked on the project “Online Music Store” on JAVA using JSP, HTML, CSS, AJAX(Javascript) and ORACL database and TOMCAT application server. Data Security achieved by encryption, decryption and hashing. Developed front and backend of project.
- **Jan – May 2015 : Image enhancement using edge based bilateral filter.**  
**Technology used:** Opencv, Matlab. Worked on a project of image enhancement using edge base bilateral filter in which solution achieved by finding edge and non edge region.

## EXTRA CURRICULAR ACTIVITIES

- **2018** Won first Prize in Samsung Cricket Tournament twice. Man of the match of Final match.
- **2015** Participated in college sports event ARENA in cricket and chess tournaments.
- **2013** Organized and participated in Tech events held under Society of Information Technology Site Meliora. I am a part of several NGOs(CCDC, ASHA) which helps slums children in their education and health.
- **2007** Got C certification under NCC(National Cadet Corps) in High School.