

# Arvind Ramachandran

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## EDUCATION

### National Institute of Technology Karnataka, Surathkal, India,

- B.Tech in Computer Engineering, Second Year  
• CGPA : 7.87/10 (January 2016)
- **High School** - Loyola School, Thiruvananthapuram, Kerala (ISC) - 98.2%
- **Secondary School** - Loyola School, Thiruvananthapuram, Kerala (ICSE) - 96.17%

Aug 2015 – May 2019

## EXPERIENCE

- Completed training program on Mobile Programming in Android at Software Training and Development Centre, Thiruvananthapuram, Kerala. May 2016 – Jun 2016
- Developed an Android app for making quick notes for the code.fun.do online project conducted by Microsoft Academia Accelerator team at NITK.

## TECHNICAL SKILLS

- **Languages** - C, C++, JAVA ; C# , Python, L<sup>A</sup>T<sub>E</sub>X (Basic Level)
- **DBMS** - MySQL (Basic Level)
- **Platforms/Tools** - Linux, Eclipse, Android Studio, Git, Unity(Game Engine), Microsoft Office

## FIELDS OF INTEREST

Operating Systems, Linux, Open Source Software, Android App Development, Cryptography, Information Security, Data Structures and Algorithms

## RELEVANT COURSES

Data Structures and Algorithms, Design and Analysis of Algorithms, Operating Systems, Theory Of Computation, Software Engineering, Computer Organisation Architecture, Data Communication

## PROJECTS

- All Projects Available On : <https://github.com/arvind97>
- **K-Rack (On Going)** - Implementation of a file system by encryption of data by booting into the latest kernel version of Linux. Involves Cryptography and also implemented JAVA programs to implement SHA-256 and RSA algorithms.
- **Infinite Runner Game** - Developed animations and assisted in the script for an Infinite Runner Arcade game on Unity Engine using C#.
- **Inci App** - Worked on the backend for the app for the cultural fest 'Incident' in NITK.

## AWARDS & SCHOLARSHIPS

- Recipient of NTSE scholarship
- Eligible for INSPIRE scholarship for being among the top 1% in 12th standard for the ISC Board Examination.

## LANGUAGES

- Malayalam : Native language.
- English : Fluent (speaking, reading, writing).
- Hindi: Intermediate (reading, writing); basic (speaking).

## EXTRA CURRICULAR ACTIVITIES

- **Student Member** at IEEE NITK Student Branch.
- Executive Member at Literary, Stage Debating Club(LSD) NITK.
- Active participant in quizzes.