Arvind Ramachandran

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EDUCATION	**National Institute of Technology Karnataka, Surathkal, India**,

- B.Tech in Computer Engineering, Second Year   Aug 2015 – May 2019
  - CGPA : 7.87/10 (January 2017)
- **High School -** Loyola School, Thiruvananthapuram, Kerala (ISC) - 98.2%
- **Secondary School -** Loyola School, Thiruvananthapuram, Kerala (ICSE) - 96.17%

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, LaTeX (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 : A Metadata Encrypted File System** - 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.