 **AKHIL N KASHYAP 16613216IT104**

**Information Technology UG Second Year**

**National Institute of Technology Karnataka Male**

**Speacialization: Information Technology DOB: 15/01/1998**

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| --- | --- | --- | --- | --- |
| **EXAMINATION** | **UNIVERSITY** | **INSTITUTE** | **YEAR** | **CGP / %** |
| Graduation | NITK Surathkal | NITK Surathkal | 2018 | 7.89 |
| Intermediate/+2 | Karnataka Board | Expert Pre University | 2016 | 96.5 |
| Matriculation | CBSE | VVS BM Sri E I | 2014 | 10.0 |

**ACADEMICS:**

* Secured **All INDIA Rank 6227** in **JEE MAINS** out of 11,00,000 students
* Cleared the **JEE Advanced** examination
* Secured **242** rank in Karnataka CET(PCM) out of 1,71,000 students (2016)
* Cleared the state level NTSE examination and secured a state rank of **24** (2014)
* Currently pursuing B.Tech in Information Technology at NITK,Surathkal

**PROJECTS:**

* Optimizing Data Storage using the TRIE Data Structure:

Implemented a multi way search TRIE to optimise Data Storage.

Programmed in Python language, also contains usage of JSON tokens for Web scraping.

* Snake game using UNIX:

Implemented the classinc Snake Game using UNIX and Shell Script.

* Online train ticketing system, a mimic of the IRCTC (currently ongoing):

Designing a Web application similar to the IRCTC website.

* Animation using Computer Graphics (currently ongoing):

Simple animation using OpenGL.

**SKILLS:**

* **Programming Languages:** C, C++, Python, Java, UNIX
* **Web designing:** HTML, CSS, Bootstrap
* **Script languages:** JavaScript
* **Backend framework:** Node JS, jQuery
* Also familiar with **React Native, React JS** and **Arduino** programming.

**INTERNSHIPS:**

* Interned at a Technical Writing start-up by the name **PULOMAS** in Mysore during 2016-17 summer.
* Completed a summer mentorship programme on **Microcontrollers.**
* Was part of the iOS app development team for an e-commerce startup called **Savemonk.**

**COURSES UNDERTAKEN:**

**Computer Science: Maths and Science:**

Basics of C programming Modern Physics

Data Structures and Algorithms Engineering Chemistry

Paradigms of Programming 1 Engineering Mathematics 1

Unix programming and practice Engineering Mathematics 2

Digital design and Computer Architecture Mathematical foundation of IT Design and Analysis of Algorithms\*

Paradigms of Programming 2\*

Computer communication and Networking\*

Operating System\*

Object Oriented Design and Analysis\*

Computer Graphics\*

*(\*to be completed by May 2018)*