

# Dashan Jot Singh

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## EDUCATION

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

■ B.Tech in Information Technology, Junior year

Aug 2016 – Present

■ CGPA: 7.37/10.00 (April 2018)

**High School** – Bhopalwala Arya Senior Secondary School, Sri Ganganagar, Rajasthan, India

■ Board of Secondary Education Rajasthan

■ Class XII - 93.00%

July 2013 – Mar 2015

**Secondary School** -Sri Guru Teg Bhadur Senior Secondary School, 9-A Chhoti, Sriganganagar, India

■ Board of Secondary Education Rajasthan

■ Class X – 86.00%

## TECHNICAL SKILLS

■ Languages/Mark-ups - C, C++, Python, Java, XML

■ DBMS - Basics of Sqlite3

■ Tools/Frameworks - Git, Android

## RELEVANT COURSES

Data Structures and Algorithms, Design and Analysis of Algorithms, Object oriented Analysis and Design, Paradigms of Programming, Unix, Operating Systems, Data Communication

## PROJECTS UNDERTAKEN

All projects and work available on [GitHub](#).

■ **Health Care Management**– A system to check doctors' availability and book appointments. It's developed using NetBeans IDE and MySQL database.

■ **VEB Tree**– Designed and Implemented **VEB Tree** Advanced data structure in **Python**. This data structure takes only  $\log(\log u)$  time to find predecessor, successor, to perform delete, insert operations.

■ **Personal Website** – Personal portfolio page.

■ **LifeSaver (On going)** – Android App to encourage water conservation.

## ACHIEVEMENTS AND AWARDS

■ **4 stars** on [Codechef](#). **Div -1**, Rating - **1845** (Max Rating: **1896**).

■ Ranked **200(297)** in India(Global) in **March Long Challenge Div 2** on [Codechef](#).

■ Stood in top -10 Students of NITK in CodeStroke During Engineer 2017.

■ Awarded **INSPIRE** award in Class XII.

■ 11<sup>th</sup> District Merit in class XII.

■ Awarded laptop prize by Rajasthan Govt. for being among top 1% in class X.

## EXTRA CURRICULAR ACTIVITIES

■ Executive Member at Student Hospitality Committee Engineer'17.

■ Executive Member at Corp Hospitality Committee Engineer'16.

■ Successfully completed **Competitive Programming** course offered by **ACM NITK Chapter**.

■ Participated in **code.fun.do** challenge organised by **Microsoft**.

■ Active on online [competitive programming](#) websites [Codechef](#), [Hackerrank](#), [Hackerearth](#), [Codeforces](#), [AtCoder](#), [CS Academy](#).