

Mukesh Kumar Kharita

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Computer Science Student at National Institute of Technology, Hamirpur. Interested in Web Development, Android App Development, Algorithms, Data Structures, Machine Learning.

Education

National Institute of Technology

Bachelor of Technology, Computer Science Major

CGPA: 8.79 / 10

Hamirpur, H.P.

2014-present

K.D.S.P Senior Secondary School

Higher Secondary Education, Rajasthan Board, Percentage: 80.6 %

Ranked 1st in class

Jaipur, RJ

2010-2012

K.D.S.P Senior Secondary School

Class X, Percentage: 86 %

Ranked 1st in class

Jaipur, RJ

2008-2010

Projects

ResultApp

○ *An app for viewing result of Students*

Autumn 2016

This project won third prize in Hackathon organised during Nimbus 2016. Scraped the result of NITH using a Python library called BeautifulSoup. Created an Android app in a team of three. Visualized the result of students using GraphView. The app allows users to view their ranks in the college, department etc. Link: <https://github.com/mukeshkharita/hackathon-resultapp>

AgriculturalApp

○ *Digital India Hackathon Project*

Spring 2016

An app for the Agriculture theme of the Digital India Hackathon, created in a team of three. Wrote some code that scraped government websites for data regarding prices of numerous commodities on the market using Python every day. Wrote an API that returned data according to requests in PHP. The app then requested this API for data. Stored the scraped data in a MySQL database. Also did some visualisation of data in the form of bar charts using GraphView. Link: <https://github.com/mukeshkharita/AgriculturalApp>

ResultSite

○ *Enhanced Result Website for NITH*

Summer 2016

Created a web site for displaying the result of students of NITH as a prospective replacement of the current result site of NITH. The backend is written in PHP using a MySQL Database. The site included comparison of student's results. Link: <https://github.com/mukeshkharita/NITH-Result-Website>

Achievements

- **April 2016** - Ranked 3rd in Hackathon organised during Nimbus 2016 in NITH.
- **September 2016** - Ranked 3rd in India in the Hackerearth contest organised by NIT Hamirpur.
- **Present** - Top 10 in a class of 180 students.

Technical and Personal Skills

- **Programming Languages:** C, C++, JavaScript, PHP, Java (basic), Python (basic)
- **Web Technologies:** HTML, CSS, JavaScript
- **Other:** MySQL, MongoDB, git, vim, linux

Competitive Programming

- **Codechef:** mukeshkharita, Ranked 600 out of around 70000 in the long format.
- **SPOJ:** kharita, Solved 55+ problems.
- **HackerEarth:** mukesh36, Solved 120+ problems on HackerEarth.

Other Projects

- **Maze Generator:** A simple maze generator using DFS in Javascript.
- **Sudoku Solver:** A solver of Sudoku Puzzle in C++.

Extra Curricular Activity

- Executive Member of **Pixonoids**. Part of the Web team responsible for creating the websites of the fests of NITH i.e. Hillffair and Nimbus.
- Executive Member of the **English Club** of NITH. Helped in organising events like quizzes etc. for the club.
- Volunteer at **GLUG NITH**. Helped in organising Software Freedom Day. Installed Linux Mint as part of the installation fest.

Hobbies and Interests

- Cricket
- Travel
- Chess