

# Avinash

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## EDUCATION

### NIT RAIPUR

BTECH IN COMPUTER SCIENCE & ENGINEERING

Aug 2021 | Raipur, India  
CGPA: 7.84 / 10.0

### GOVT. R.K. HS SCHOOL

May 2012-2016 | Pithora, India  
12th: 91.2 / 100.0  
(TOP 1% IN CGBSE)  
10th: 80.5 / 100.0

## LINKS

Portfolio:// [avinash-portfolio](#)  
Github:// [avinashz14](#)  
LinkedIn:// [aviprajapati](#)  
CodeChef:// [nithost\\_16](#)  
Hackerrank:// [nithost\\_16](#)  
LeetCode://[nithost\\_16](#)

## COURSEWORK

### UNDERGRADUATE

Operating Systems  
Database management system  
Object Oriented Programming  
Data Structure and Algorithms  
Computer Network  
Computer Fundamentals  
Unix & Shell Programming

## SKILLS

### PROGRAMMING

#### LANGUAGES :

• C++ • C

(proficiency: Competitive Programming)

• Bash • Python • MySQL

(proficiency: Intermediate)

• CSS • HTML

(proficiency: Intermediate)

#### FRAMEWORKS AND TOOLS :

• Django • Bootstrap

• Machine Learning • VSCode

#### OPERATING SYSTEMS:

• Windows • Ubuntu

## EXPERIENCE

### SHOURYA | COORDINATOR

Dec 2017 - Present | NIT Raipur, India

Shaurya is a sports committee that Organises **SAMAR** The Annual Sports fest of NIT RAIPUR.

- Managed **Web Team**, Developed and maintained Website for Samar'2k19.
- Organised Major Sports events like Athletics as a **Core Coordinator**.
- SAMAR is a mega sports fest with footfall over **20000+** and participate **35+** colleges.

## NOTABLE PROJECTS

### DISEASE PREDICTOR | MACHINE LEARNING/WEB

June 2020

live site: [bit.ly/nithost\\_diseasePredictor](http://bit.ly/nithost_diseasePredictor)

- Trained three models from scratch by following the research papers of Heart-disease, Diabetes and Breast-cancer.
- Used **Supervised** classification Algorithms like **KNN**, **SVM**.
- Achieved accuracy of **90-95%** on **Kaggle** dataset.

### LINUX SHELL LITE | OPERATING SYSTEM

July 2019 | NIT Raipur

link :[http://bit.ly/nithost\\_minishell](http://bit.ly/nithost_minishell)

- Built my own simplistic **Linux Shell** using C.
- Using concept of Multi-threading, Foreground, Background, Error Handling, Signal Processing.
- Incorporating multiple commands using c.

### SAMAR19 | INFORMATIVE PORTAL

Nov 2018 – Present | NIT Raipur

live site: [bit.ly/nithost\\_samar19](http://bit.ly/nithost_samar19)

- We took the initiative to take the fest online which increased the reach of the fest by **200%**.
- Participants from More than **35+** colleges visit and register for events using the website.
- This give us ease to estimate the No. of participation which helps us in management of fest.

## ACHIEVEMENTS

2016 Top1%/270K  
(Prize 10K Rs.)

2017 1<sup>st</sup>/500

2019 Top 10% /10436

2019 4\*(Highest Rating 1865)

2020 1745<sup>th</sup>/18600

2020 34<sup>th</sup>/16000+

12<sup>th</sup> class CGBSE Education board.

*MadAd* Challenge by Culture committee NIT Raipur.

In *SnackDown*2019 - *OnlineQualifier*

In *CodeChef* Competitive programming platform.

Google *KickStart* Round F.

*CODEtoJAPAN* Algorithms Challenge

*ASIAtoJAPAN's*.