Avinash

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EDUCATION

NIT RAIPUR
BTech in Computer Science & Engineering
Aug 2021 | Raipur, India
CGPA: 7.51 / 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

Github:// **avinashz14**
LinkedIn:// **aviprajapati**
CodeChef:// **nithost_16**
Kaggle://**nithost16**

COURSEWORK

UNDERGRADUATE
Operating Systems
Computer Network
Database management system
Object Oriented Programming
Data Structure and Algorithms
Computer Fundamentals
Discrete mathematics
Unix & Shell Programming
Computer Graphics
Software engineering
Digital Logic & Design
Micro Processor & Interface
Operations Research

SKILLS

PROGRAMMING
 C• C++ (proficiency: Competitive Programming)
•Shell • Python • MySQL (proficiency: Intermediate)
Familiar :
Django • Bootstrap • ML
Operating System :
Windows•Linux

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

Trained three models from scratch by following the research papers of heart-disease, diabetes and breast-cancer. Used supervised classification Algorithms like **KNN ,SVM** and achieved accuracy of **90-95%** on **Kaggle** dataset.

LINUX SHELL LITE | Operating System

- I wrote my own simplistic **Unix 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

- 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

Year		
2016	Top1%/270K (Prize 10K Rs.)	12Th class CGBSE Education board.
2017	1st/500	MadAd Challenge held by Culture committee NIT Raipur.
2019	4 Star(rating 1800)	In CodeChef Competitive programming platform.
2020	600+	problems solved in various programming platforms like codeforces, spoj etc.