

# Jalaz Kumar

BF 17 - Manimahesh Boys Hostel - NIT Hamirpur, HP - 177005

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Final-year Undergraduate student in Computer Science and Engineering at NIT Hamirpur(H.P). Interested in Back-End Web Scripting, Android App Development, Competitive Coding, Machine Learning and Linux Administration. A dedicated, hard-working and enthusiastic individual with a high learning curve.

## Education

### Academic Qualifications.....

- **National Institute of Technology, Hamirpur** **Hamirpur(H.P)**  
*Dual Degree (B.Tech + M.Tech) , Computer Science and Engineering*  
CGPA(Till 6th Sem): 8.71 *2014–Present*
- **Army Public School Almora** **Almora(U.K)**  
*Senior Secondary Education, CBSE Board, Percentage: 92.0%* *2011–2013*
- **Army Public School Almora** **Almora(U.K)**  
*Higher Secondary Education, CBSE Board, CGPI: 10.0* *2010–2011*

### Notable Projects.....

- **Large Volume Data Visualization:** '*Summer Research Intern 2017 - IIIT Allahabad*'  
A UI Desktop application for Interactive Visualization of large-scale medical datasets on consumer-level GPUs using Octree Space Partitioning & Volume Ray-Casting. Used CUDA C & OpenGL
- **KitabGhar (Ongoing):** '*Development of an Online eBook Portal*'  
An online eBook Portal build on Java Servlets and JSP. Using MySQL Database, the Portal facilitates the subscribers to access the various eBooks, writing down reviews and holding a private Shelf to keep their personalized Stuff for further reading.  
GitHub Link: <https://www.github.com/jaykay12/KitabGhar>
- **HosAppointmentSys:** '*Online Hackathon (Code Healthy with OpenShift)*'  
An OpenSource Smart Appointment system developed on LAMP(Linux-Apache-MySQL-PHP) Stack. It was developed in a team of 4 with an objective to develop a Web Application for fixing appointment between Patient and Doctors.  
GitHub Link: <https://www.github.com/jaykay12/HosAppointmentSys>
- **PrivacyShield (Ongoing):** '*CSEC Hackathon 1.0 (NIT Hamirpur)*'  
An Android App for creating, storing and managing Confidential Documents(Images,Videos,Pdfs) with a Master Password It was developed in a college-level Hackathon as a Mobile App for enhancing Security and Privacy.  
GitHub Link: <https://www.github.com/CSEC-NITH/PrivacyShield>
- **TaskBuddy:** '*Hack in the North 2.0 (IIIT Allahabad)*'  
An Android application build primarily for the service of "The Common Man", which focuses on providing a platform where people can help each other in exchange of some incentives (which in this application are credits). The Project was developed for "Hack in the North 2.0" by Team - FSociety Coders  
GitHub Link: <https://www.github.com/sukhbir-singh/TaskBuddy>

### Minor Projects.....

- **Gaming Console:** '*C++ & OpenGL Library*'  
A Computer Graphics Project for Linux & Windows Platform developed in a team of 5 in which several small games are integrated in an Console Environment. I developed a game named Tikinoid.  
GitHub Link: <https://www.github.com/jaykay12/Tikinoid>

- **DiskMan.h:** '*C Language & Operating System*'  
A C++ static library for all the Disc scheduling algorithms like FCFS, SSTF, C-SCAN, LOOK of Operating System build for Linux and Windows Platform  
GitHub Link: <https://www.github.com/jaykay12/DiskMan.h>
- **Hillffair & festnimbus:** '*Android Application Development*'  
Contributed few patches in the development of Android App for Cultural & Technical Fest of College as the member of App Team NITH  
Source Code: <https://github.com/appteam-nith/Hillffair>  
Source Code: <https://github.com/appteam-nith/festnimbus>

## Technical Skills

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- **Programming Languages:** C, C++, Java, JSP & Servlets, PHP  
Also basic ability with: Python, HTML, CSS, JavaScript.
- **Frameworks:** AWT, Swing, Android, Bootstrap
- **Software Packages:** Linux, Android Studio, PhpStorm, git, MySQL, Adobe Premiere Pro
- **Other:** Good Management & Leadership skills, Work well in team and coordinate effectively

## Work Samples

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- GitHub Link: <https://www.github.com/jaykay12>
- LinkedIn Profile: <https://www.linkedin.com/in/jalazkumar>
- CodeChef Account: <https://www.codechef.com/users/jaykay12>

## Extra-Curricular Activities

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### Position of Responsibility.....

- **App Team NITH:** Worked as Core-Coordinator, Contributed patches to the development of the Android Apps of Cultural & Technical Fest of NITH
- **Team .eXe:** Worked as Coordinator of CSED Departmental Team for Nimbus 2k17 (Annual Technical Fest), contributed in some projects and organised Events & Workshops in the College.
- **GLUG-NITH:** Worked as an Active Volunteer and organised Software Freedom Day
- **Technical Club:** Worked as the Coordinator in Hill'ffair 2k16 (Annual Cultural Fest)

### Achievements & Honors.....

- **Participated:** Selected among the top 300 Students of India to take part in Hack in the North 2.0, largest student Hackathon organised by IIIT Allahabad & GitHub in March, 2017
- **Winner:** Video Editing Competition in Abhyuday 2015 organised by Hindi Samiti - NITH
- **2nd RunnerUp:** Inter Army School Quiz Competition at Pithoragarh(U.K), 2012
- **Won Goodies:**  
Code Healthy Online Hackathon by Devpost & OpenShift  
HacktoberFest 2016 Organised by Digital Ocean & GitHub

## Hobbies

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- Listening Music
- Playing Counter Strike - Global Offensive
- Reading Novels
- Flying Kites