

# ROHIT KUMAR

[Github](#)  
[LinkedIn](#)

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## EDUCATION

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**National Institute of Technology, Hamirpur**

*Bachelor of Science & Technology; CGPA: 9.21/10.0*

**Himachal Pradesh, India**

*July 2017-July 2021*

**D.A.V Sr. Sec. Public School Barmana, Bilaspur**

*Intermediate(percent): 95.8*

**Himachal Pradesh, India**

*April 2016 - April 2017*

## PROJECTS

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- **Online Chat & Gaming Portal** [[Github](#)]:
  - An Online gaming portal made using WebSockets.
  - Implemented a workspace area where one of the active users can draw anything on the screen which will be visible to all others connected clients(workspace area implemented using p5.js).
  - Integrated with a Flask Framework along with jquery and p5.JS.
  - Created a server-client model where lot of users can stay online and send messages to all the others connected clients.
- **Hostel Allotment System** [[GitHub](#)]:
  - A project to allot rooms to students based on their CGPA.
  - Used Three.JS to render 3-D Blueprint of the Hostel, allowing students to choose the rooms directly.
  - Implemented Back-end in Mysql & SQLAlchemy.
  - Used Flask & Socket.IO library on server-side Framework.
- **Handwriting Recogniser (ML)** [[Github](#)]:
  - A project to recognize handwritten alphabets & converts into digital format.
  - This Handwriting recogniser entails optical character recognition, performs correct segmentation into characters.
  - Based on the calculation performed on the data it finally predicts the character.
- **Arcade Game** [[Github](#)]:
  - Implemented using PyGame module of python.
  - This is an arcade game in which you have to dodge the meteors coming towards you.
- **TO-DO app Using Flutter** [[Github](#)]:
  - Implemented an app that allows you to add a task and its details and remove them
  - Implemented UI using Flutter Framework & Dart Languages.

## ACHIEVEMENTS

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- **HackerEarth Inter-NIT ISTE Coding Contest: Ranked 3rd in Inter-NIT Short Coding Contest | 1st in NITH**
- **Codeforces: Rating 1434 (Specialist)**
- **Codechef: Coder's legacy (Rank - 277)**
- **Certification: Neural Networks & Deep learning.**
- **Scholarship: SJVN Silver Jubilee Merit Scholarship Scheme for the meritorious students on the basis of their score in Plus Two Examination.**

## SKILLS

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- **Languages: Python, C, C++, Javascript**
- **Technologies: GNU/Linux, Git, Flask, HTML/CSS/BOOTSTRAP, ReactJS**
- **Data Structures & Algorithms**
- **Competitive Programming**

## CO-CURRICULAR

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- **GLUG-NITH: Organized Software Freedom Day event involving introduction of more than 100 freshmen to the world of Open Source followed by Linux installation fest. Organized various other events promoting open source software and culture.**
- **CSEC-NITH: Conducted regular weekly programming meets as part of the departmental Computer Science society at NITH**