ROHAN KAUSHAL

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Computer Science and Engineering IIT (BHU), Varanasi	9.45	2024

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
10.00	9.62	9.65	8.47	-	-	-	-

CBSE (XII)	Scholar fields public school	95.00	2020
CBSE (X)	Premier public school samana	94.00	2018

SKILLS

- **Languages :** C++, C, Python, Javascript, TypeScript, HTML/CSS.
- **Tools and Technology :** Angular, Node.js, React, jQuery, Git, Rest API's, Django, Numpy, Pandas, Pytorch.
- **Databases :** MySQL, MongoDB.
- **Areas of Interest :** Data structures , Algorithms , Web development , Competitive programming , Object oriented programming.

INTERNSHIP/TRAINING

Internship at Viithiisys technologies
April 2022 - July 2022

(Full stack web developer at Viithiisys Tech.)

Warehouse management website	- Worked on Angular , Javascript , Typescript , HTML , Rest API's. - Worked on permissions related issues in authentication system and integration of API's. - Worked on security system of website and made it secure by storage of data in session storage rather than local one. - Website deployment link : Warehouse management .
Vizitor Application	- Worked on Angular and API integration. - Worked as a tester and resolved bugs also made responsive web designs. - Collaborated with Backend engineers to ensure smooth conduct of V2 version of website , which is going to be launched soon in market. - Test server link : V2 Vizitor. .

PROJECTS

Clinician-Patient website
March 2022 - April 2022

A website for diabetic patients

- Created a clinician and patient website from scratch. It is a website for storing data for diabetic patients ; their insulin levels and glucose level etc.
- Clinician can also post comments on patients and patient can open portal and check up and upload their daily check up levels. Github link
- **Exposure :** Node.js , MongoDB , Git , Javascript , HBS/ CSS.

Video captioning model
Jan 2022 - March 2022

(Machine learning project under Dr. Tanima dutta)

- Automatically generate video captions based on intentions, actions and gaze performed by any subject.
- It makes use of **PyTorch** as main framework and based on **Python** language. Also includes library such as Numpy , Pandas and Matplot.
- It is a Deep neural networking model which makes use of encoder and decoder for training and evaluation of data set.

Minor web development projects
December 2021 - May 2022

Web development projects based HTML , CSS , Javascript , jQuery , Bootstrap etc.

Colour matching game	It is a colour matching game , A random RGB value is generated on screen and we have to choose the colour corresponding to that value. It has two modes Easy and Hard which has 3 and 6 colours respectively. Link to webpage
Matching	It is a memory game which contains 16 squares. Player will be given 10 seconds to memorise the tiles and and according match the tiles with their counterparts. Player will be ranked according to time taken to

memory game	complete the task. [Link to website](#)
Netflix clone website	It is a website based on html, css and javascript which is a similar clone to the Netflix. It is a fully responsive website and also contains provision of linking to back end for subscription and login purposes. [Link to website](#)

CERTIFIED COURSES

Completed coding Ninjas certified course on :
Competitive programming.
Data structure and algorithm.
Completed Andrew Ng course on :
Machine learning.
Completed Udemy course on :
Full Stack development.
Angular 13 framework.

HONOURS AND ACHIEVEMENTS

Competitive programming	4 star coder on Codechef - Maximum rating : 1926 - Codeforces Maximum rating : 1322 - Qualified Google CodeJam with 71 Points and scored 9494 rank in Round 1
Scholastic Achievements	**AIR 589** in **JEE Advanced** 2020 **AIR 259** in **JEE Mains** 2020 , out of more than 1 Million candidates - Qualified National Talent Search Examination (**NTSE**) Both stages and selected for 5 Day Nurturance programme - Qualified Kishore vaigyanik protsahan yojna (**KVPY**) Both stages and selected for Fellow ship in basic sciences. - Qualified National standard examination in chemistry(**NSEC**) and been qualified for INCho and was among 802 students all over India. - Scored **AIR 138** and zonal rank **10** in IMO - Qualified Regional maths olympiad (**RMO**), 2017 and selected for INMO
Scholarship achievments	- Got a distinction in Canadian Senior Maths Contest and was under 25% Internationally, Also got a scholarship for research in mathematics and computing for **University of Waterloo , Canada** - Got **Rank 3** in All India GCI scholarship test and got a scholarship of**INR 1 lakh** - Got **Rank 3** in I-smart Mental ability Reward test.

EXTRA-CURRICULAR ACTIVITIES

IIT BHU MUN	Representative of International press (**IP**) in UN Women in delegacy of Saudi Arabia , Recorded and published the reviews of conference in 2021.
Sports achievements	- Gold medalist in 4 x 100 mtr relay race. - Silver medalist in cricket. - Gold medal in Kho-Kho team game.
Other achievements	- Attended the Yoga and music camp organised by Indian Govt. and scored 80% in quiz. - Participated in sewa kalyan Mahaquiz.

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