CHANDIGARH GROUP OF COLLEGES
Campus : Landran, Mohali

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GitHub
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Date Of Birth: 3 February 2001
Gender: Male

EDUCATIONAL QUALIFICATIONS

Year	Degree	School/Institute	Board/University	%age /CGPA
2023	B. Tech (CSE)	Chandigarh Group of Colleges, Landran	IKG Punjab Technical University	7.78 CGPA
2019	10+2	Shishu Niketan Public School,43A, Chd	CBSE	78.9%
2017	10	Shishu Niketan Public School,43A, Chd	CBSE	10 CGPA

SOFTWARE COMPETENCIES

Operating Systems	:	**Ubuntu Linux**, **Amazon Linux**, **Windows**
Languages known	:	**C/C++, Python**, **JavaScript**
Database	:	**MySQL**, **MongoDB**
Other technologies		**Git and GitHub, AWS, Node, React**
Other Interests	:	**System Design**, **Machine Learning**, **DevOps, Cyber Security**

LEARNING AND CERTIFICATIONS

- Actively participated in programming events in college.
- Made a website for sharing educational stuff with college mates.
- Complete Data Structure in C++ and System Design Bootcamp with more than 90% of accuracy at Coding Ninjas.
- Completed Web Development Bootcamp on Udemy.
- Completed Cyber Security Fundamental Course from Skill Up.
- Complete Dark Web and Ethical Hacking from Z-security Udemy.
- Completed Cloud computing from coursera.

PROJECTS

1. **Project Name**: Kid's Math (Machine Learning, Deep Learning, Image processing, Web Dev)	
Languages and Tools	Python, TensorFlow, OpenCV, TensorFlow.js, HTML CSS, JavaScript
Environment	Vs Code, Ubuntu Server 22.04 (Testing), Window (Development), Netlify (Deployment)
Project Description	**Site link**: https://kids0math.netlify.app/ - It can recognize any digit between **0 to 1**, A **canvas is provided** on the site where children can **draw answer** of mathematical expression and model will recognize and **fill the screen with flowers** if answer is correct. - It is highly accurate to guess the drawn number trained on more than 60000 images of **MNIST** dataset.

2. **Project Name**: Random Number Generator API/ Application (Web Development and Algorithms)	
Languages and Tools	HTML, CSS, Javascript, Node, Express, Pug, Weather API (For TRNG)
Environment	Vs Code, Window (Development), Heroku (Deployment)
Project Description	**Site link**: https://murmuring-mesa-55795.herokuapp.com/ - Applied Different Algorithms for generating Random Number in specified range. There is two ways to get random number by using **API** and by click. - Algorithms implemented is JVN, TRNG, HRNG, etc.

3. **Project Name**: Chat Application (Socket.io)	
Languages and Tools	Html, CSS, Socket, Node
Environment	Vs Code, Window 10 (Development), Deployed on Heroku (Backend), Netlify (Fronted)
Project Description	**Site link**: https://mygroupchatapp.netlify.app/ - It is a group Chatting Web App which is **scalable** and its traffic handling depends on Server Capacity. - It notifies when new user joins and also create a ting sound on incoming message and chat is presented with **time** in a **beautiful frontend**.

4. **Project Name**: Blog Application	
Languages and Tools	Html, CSS, Bootstrap, JavaScript, Mongo DB, MySQL, React
Environment	Vs Code, Window 10 (Development)
Project Description	- It is a Blog application Where any Anybody can write informational things - It has Authentication, and other utilities which can be very helpful for increasing person efficiency

Internships

- **Web Developer**
  Organization: SK Children Foundation
  Duration: 4 months
- **Persistent Systems Martian Program**
  Organization: Persistent Systems
  Duration: 1 months
- **Content Writing (Brainly)**
  Organization: UMRA Tech Solutions
  Duration: 2 months
- **Python Training**
  Organization: Think Next, Mohali
  Duration: 4 weeks
- **Campus Business Manager**
  Organization: Presbytes
  Duration: 6 months
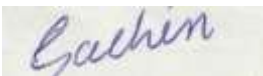
INTERPERSONAL SKILLS

- Ability to listen to someone and then giving ideas to him/her.
- Likes to work in a Team
- Ability to communicate with people confidently.
- Ability to handle problems with a positive attitude and in less time.
- Good presentation skills.
- Ability to work in a team and set up the trust.

HOBBIES/INTERESTS

- Making projects with new ideas.
- Like to explore new technology
- Mathematics, Physics and Economics
- Reading philosophy, psychology, literature
- Listening to podcasts and audiobooks

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

(Signature)

Name: Sachin Kumar
Date: 18 August 2022
Place: Chandigarh, India