




Hritesh

Final Year Undergraduate
Department of Civil Engineering
Indian Institute of Technology, Kanpur

 : hritesh20@iitk.ac.in
 : +91-8504971728
 : Hritesh_1728

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020 - Present	B.Tech	Indian Institute of Technology, Kanpur	6.9/10
2019	CBSE(XII)	Sacred Heart Sr. Sec. School, Kota	75%
2017	CBSE(X)	Rajdhani Public School, Bansur, Alwar	10/10

Scholastic Achievements

- Secured **All India Rank 9917** in **Joint Entrance Examination Advanced (JEE) 2020** among the 2.5 Lakh candidates.
- Secured **All India Rank 5669** in **Joint Entrance Examination Mains 2020** among the 1.1 million candidates.
- Received a certificate of merit for outstanding academic performance in Class X by the CBSE Board.

Work Experience

Software Developer Intern | Crescent Business Solutions Pvt. Ltd. (DBA Rucards)

May'23 - July'23

Objective	<ul style="list-style-type: none">To successfully develop and implement an API with third-party API integration, role-permission module, and admin tools during the internship while gaining software engineering and project management experience.
Approach	<ul style="list-style-type: none">Developed and seamlessly integrated APIs, including third-party APIs, to improve project functionality and leverage external services, improving project performance.Designed and implemented intuitive admin tools with user-friendly interfaces and APIs to automate workflow and reduce administrative workload, improving operational efficiency.Developed and implemented a secure role-permission module for controlled project feature access based on roles and customized permissions, utilizing Flask-SQLAlchemy for efficient database management.
Result	<ul style="list-style-type: none">Overcame challenges and successfully implemented the task with effective solutions.Acquired valuable experience in full-stack web development, utilizing Angular and Flask frameworks with various technology like Python (RE module), GIT (checkout, pull), httpx, redis-, celery, PWA, UAT Server, SSO, IAM etc.

Key Projects

Automation of the Electricity Bill fetch: (Self)

 Dec'22

Objective	<ul style="list-style-type: none">Create an automated way to rapidly extract user information from a list of electrical board K-Numbers.
Approach	<ul style="list-style-type: none">Utilised Python's pandas package to process CSV files and manage input and output.Developed and Implemented PlayWright script to automate power bill data retrieval from the Jan Soochna Site.
Result	<ul style="list-style-type: none">Successfully automated accessing Jan Soochna Site, entering K numbers, and extracting data, saving time and effort.

Technical Skills

Programming: C, C++, Python, SQL

Exposure: HTML5, CSS3, JavaScript, TypeScript,

Utilities and Frameworks: Git, Github,, Bootstrap, Tailwind, Flask, Django, OpenCV, Angular, Postgres, Postman, Playwright, Pandas, Numpy, Matplotlib, Micro-Cap.

Positions of Responsibility

Organizer, Cricket (Events), Udghosh'22—Annual Sports Festival, IIT Kanpur

(Sep'22-Oct'22)

Leadership	<ul style="list-style-type: none">Led a 2-tiered team of ten or more secretaries to ensure the festival's smooth execution.Responsible for scheduling, venues, transportation, and hospitality for 16 teams in 16 events over three days.
Initiatives	<ul style="list-style-type: none">Created a comprehensive set of rules and regulations to resolve disputes fairly and maintain harmony.Implementd new ICC T20 rules, including fines for slow over-rates and the ability for a new hitter to take strike.Organized UDDAN, a social initiative by UDGHOSH for physically disabled children.
Impact	<ul style="list-style-type: none">Implemented fair competition rules and improved physically handicapped children's lives via the UDDAN project.

Relevant Courses

(# Ongoing) (* Online)

Fundamentals of Computing	Linear algebra and Differential Equations
Introduction to Electronics	Applied Probability and Statistics
The Complete Python Course from Udemy	Computational methods in engineering
Embedded and Cyber-Physical Systems#	Data Structure and Algorithm*