



Arpit Kumar Gautam
Bachelor of Technology
in Computer Science and Engineering
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	6.45 (Till 4th Sem)	2022-2023
Senior Secondary	Jawahar Navodaya Vidyalaya, Madhya Pradesh	92.2%	2020-2021
Secondary	Jawahar Navodaya Vidyalaya, Madhya Pradesh	82.2%	2018

PROJECTS

- **Predict Handwritten Digits** May 2023 - June 2023
Python, Machine Learning, HTML, CSS, JavaScript, OpenCV Website | GitHub
 - Created a Website which utilizes prediction to determine whether the handwritten digits are correct or not
 - Takes input using JavaScript and utilizes Tensorflow and OpenCV for image processing with digit image data
- **Store-App** May 2023 - June 2023
React-Native, JavaScript, TypeScript, Redux GitHub
 - Developed a mobile Store App, aimed at providing users with a seamless shopping experience
 - Leveraged React Native framework along with JavaScript to build the front-end of the Store App. Utilized Redux for state management, integrating it with React Native components.
- **FeedBack Form Filling Script** December 2023 - January 2023
Python, Selenium, Web-Driver GitHub
 - Created a script which fill the feedback form which received on the AIMS Portal of IIT Ropar for both Mid-Sem and End-Sem
 - By utilizing the WebDriver, the script initiates the Chrome browser through Selenium and execute various commands using Selenium functions.
- **Minor Projects**
 - **WhatsApp Automation Script** GitHub
Using Python, Selenium, Web-driver. Created a python script that enables sending messages on WhatsApp
 - **Automotive Website** Website | GitHub
Website developed specifically for the Automotive Club of IIT Ropar. Used HTML and CSS for interface and for gallery part used JavaScript
 - **RISC-V-Simulator** GitHub
Using C++. Created a simulator that executes RISC-V assembly machine code with features such as pipelining, data-forwarding, cache memory support. A group project in which I worked on the whole GUI in PyQt5 gui toolkit and helped in making the code

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python, HTML/CSS
- **Developer Tools:** VS Code, GitHub, Jupyter Notebook, Google Colab
- **Frameworks and Libraries:** Machine Learning, PyQt5, NumPy, Selenium, Pandas, React-Native

KEY COURSES TAKEN

- **CSE & Maths:** Algorithm & Data Structure, Digital Logic Design, Discrete Math, Programming Paradigms and Pragmatics, Computer Architecture, Probability & Statistics, Linear Algebra, Calculus, Differential Equations
- **Others:** Signals and Systems, Macro and Micro Economics

CERTIFICATION

- **LeetCode:** Highest Rating - 1583 Profile
- **CodeChef:** Highest Rating - 1441 Profile
- **CodeForces:** Highest Rating - 1109 Profile
- **Problem Solving:** 300+ Coding Problems solved across platform like **GeeksForGeeks**, CodeForces, LeetCode

INTERESTS

Football, Badminton, Chess, Painting, Sketching, Novel Reading