Sarthak Vats

Bachelor of Technology
in Civil Engineering
Indian Institute Of Technology, Ropar

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2020ceb1027@iitrpr.ac.in
GitHub | Personal Portfolio
LikedIn

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	8.38/10 (Till 4th Sem)	2020-2024
Senior Secondary	Central Board of Secondary Education	96%	2020
Secondary	Central Board of Secondary Education	96%	2018

EXPERIENCE

- **Aten Vectures LLC** — *December 2021 - January 2022, Remote*
  Technical and Business Consultant — **Certificate**
  – Engaged in market research and provided brainstorming ideas for the use of blockchain, IoT, and artificial intelligence in the media, education, and entertainment sectors.Developed user personas for a B2C company.

- **Jee Carnot** — *June 2021 - August 2021, Remote*
  Growth Hacker — **Certificate**
  – Suggested some Growth Hacking strategies aiming to grow company's market size. It comprises of content writing, market research and analysis of SEO tools,track of competitive analysis and suggestion of unique keywords for better SEO ranking.

PROJECTS

- **NewsLetter SignUp Website** — ***Live Preview***
  HTML, CSS, Bootstrap, Node.js, Express.js — **Github Link**
  – Designed both the frontend and backened of a NewLetter SignUp page using Node.js and other packages with Mailchip Apis.

- **AudioTone- My Music Clone Web** — **Live Preview**
  HTML, CSS, Javascript — **Github Link**
  – Created a complete responsive UI of a Music Clone where users can create, listen and navigate through their songs-playlist.

- **The Simon Game** — **Live Preview**
  HTML, CSS, Bootstrap, Javascript, jQuery — **Github Link**
  – Collaborated in a team of two to develop Simon game front-end that generates a succession of tones and lights and asks the user to repeat the sequence in order to advance levels.

- **Drum Kit Game** — **Live Preview**
  HTML, CSS, Bootstrap, Javascript — **Github Link**
  – Implemented a drum-kit game model that generates variety of musical sounds when pressed against the buttons.

- **Screen Time Management and Posture Correction** — **Report Link**
  HS202 Team Project
  – Collaborated with my team in making a project report that focuses on designing a desktop app leveraging AI, and IoT sensors in order to address the issue of improper body posture or positions before screens during prolonged working hours.

SKILLS

- **Programming Languages**: C/C++ (Data Structures and Algorithms), HTML, CSS , Javascript, Node.js
- **Frameworks and Libraries** : Bootstrap, jQuery, Expressjs(Node.js)
- **Software/ Developer Tools**: VS Code, MATLAB, Sublime Text, Atom, Hyper, Git,Github, TinkerCad

KEY COURSES TAKEN

- **Computer Science, Maths, Electronics**: Introduction to computing and Data Structure, Calculus, Vector Algebra, Differential Equations, Probability and Statistics, Introduction to electrical engineering, Basics of Electronics, Economics, Consult101
- **Online Learning | Web Development Course**: Currently pursuing a full stack web development course by Udemy

POSITIONS OF RESPONSIBILITY AND ORGANISATION

- **Student representative**,CDPC, Placement Cell IIT Ropar — *Dec. 2021- present*
- **Engagement Manager**,ShARE-Growing a new generation of leaders, IIT Ropar Chapter — *May. 2021 - present*
- **Coordinator - Undekha**,Dramatics Club, IIT Ropar — *Oct. 2021 - present*
- **ISMP Mentor and Content Writer**,Institute Student Mentorship Program, IIT Ropar — *Oct- 2021, present*
- **Event Management and Anchoring Team**,Zeitgeist, Annual Cult fest IIT Ropar — *Feb. 2021 - April 2021*

ACHIEVEMENTS

- **Competitive Programming:**,
  –>Codeforces-Rated as Pupil (max Rating-1217) - **Handle**
  –>Codechef- Rated as 3star (max Rating-1782) - **Handle**
- **2nd RunnerUp in Case Study Competition(Team Leader)** ,conducted by Fincom in General Championship'22   *2022*
- **Panasonic Ratti Chhatra Scholarship**,Nationwide programme initiated by Panasonic to top **30 students** across all IITs *2020*
- **Institute Merit Scholarship Award** ,Awarded Institute MCM for being top 25% of the batch   *2020-24*
- **Secured a rank of 80 in UPSEE Examination** ,   *2020*