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**
  – learned to suggest some Growth Hacking strategies aiming to grow market size of the start-up. It also comprises of content writing market research and analysis of SEO tools,competitive analysis and 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 posture during prolonged working hours.

SKILLS

- **Programming Languages**: C/C++ (Data Structures and Algorithms), HTML, CSS , Javascript, Nodejs
- **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*