AVISHI JAIN

7408373978 ◇ Chandigarh

Email ◇ LinkedIn ◇ GitHub◇ Personal Portfolio

OBJECTIVE

Pursuing B.E. in Information Technology, actively exploring advanced technologies, and seeking internship opportunities, with a passion for hosting formal events as a public speaker.

EDUCATION

B.E. in IT, University Institute of Engineering and Technology, PU, Chandigarh (CGPA 9.2)		2021-25
12th ISC, City Montessori School, (98.5 percent)		2021
10th ICSE, City Montessori School, (97.4 percent)		2019

SKILLS

Technical Skills	Java, C/C++,Python, HTML5, CSS3, JavaScript, JQuery, Node, Express,MySQL
Soft Skills	Event Management, Interpersonal, Public Speaking, German Language (A1)

EXPERIENCE

Smart India Hackathon Finalist   December 2023
Ministry of Coal   *IES College of Technoloy*

- Problem Statement- Application of Image Analytics for Tree enumeration for diversion of Forest Land.
- Developed a computer vision algorithm that can analyze satellite imagery or aerial photographs to detect,count and identify trees within the designated forest areas accurately.
- Seamless integration of the image analytics solution with existing forest management systems or tools.

Code Contributor   Oct 2023- Nov 2023
HacktoberFest   *UIET, Chandigarh*

- Worked on the following projects - (Project 1),(Project 2), (Project 3),(Project 4)

Web Developer Intern   Nov 2022 - Jan 2023
Menthosa Solutions   *UIET, Chandigarh*

- Worked on the project - Web Based Ground Control station for internet controlled drone
- Designed UI of the website and developed the socket functionality to the drones using Node.js, Express.js

LEADERSHIP AND VOLUNTEERING

Google Developers Students Club Lead   July 2023 - Present
Google   *UIET, Chandigarh*

- Organize and manage the various sessions under the club
- Take the sessions on Java,Python,C++ and Open Source
- Assist in marketing and publicity of the forthcoming sessions

Database Sub-Head   Nov 2021 - Oct 2023
Alumni Affairs Cell   *UIET, Chandigarh*

- Administered and maintained alumni database for placement opportunities and professional networking
- Hosted the panel discussions and alumni talks:
  (Panel Discussion at Alumni Meet 2022)
  (Women's Day special Safarnama Episode)

PROJECTS

Secure Park Tech (Team Project) It is an AI based Number Plate recognition system. Its Primary focus revolves around the development of an innovative system for automatic license plate detection on vehicles.Here we do strategic utilization of OpenCV, a pre-eminent computer vision library known for its versatility and robust functionalities. (Repo link)

Vruksha Vista (SIH Grand-Finale Project) Our advanced image analytics solution seamlessly automates tree enumeration in forest areas.Leveraging cutting-edge computer vision, deep learning, and efficient data processing,Vruksha Vista ensures accurate detection, species recognition, and parameter categorization. (Repo link)

Drone web application (Team Project) Architected and implemented a complete web-based solution for controlling drones over the internet, encompassing the user interface design, front-end development, and back-end server logic. Technologies utilized: Node.js, Express.js, web sockets, HTML, CSS, and JQuery.(Website link)

Drumkit Web page including audio effects using JQuery and Javascript (Website link)