



Ashwini Bhopalgade

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B.Tech - Mechanical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	6.64 (Current)	2020-Present
Senior Secondary	HSC Board	74.46%	2019
Secondary	SSC Board	87.40%	2017

EXPERIENCE

- **Vtebyte Systems Pvt. Ltd.** May 2023 - Jul. 2023
Machine Learning Intern Aurangabad
 - Created a System utilizing **Python** and various Libraries **OpenCV**, **NumPy** and **YOLO** for accurate gear detection.
 - Developed end-to-end object detection model using **CNN** algorithm and trained dataset using **IOU** algorithm.
 - Automated organization system created folders with timestamps and gear name data with showcasing efficiency in practical application of computer vision.

PROJECTS

- **Attendance System Using Face-recognition** May. 2022 - Jun. 2022
Microsoft Engage 2022 Mentee Github
 - Developed an innovative attendance system through employing **Python**, **OpenCV**, and **date-time** modules.
 - Implemented a robust solution that seamlessly recorded student attendance, associating faces with user IDs using **face-recognition** and capturing precise date and time details.
- **Music-recomndation System** July. 2023 - Aug. 2023
All India Women only Hackathon 2023 (Team Project) Github
 - Created a groundbreaking music recommendation system leveraging facial expressions, combining **OpenCV** and **TensorFlow** for **facial expression** detection and machine learning algorithms for emotion mapping.
 - Users register/login, grant camera access, and receive emotion-based playlists integrated with Spotify's database.
 - showcasing a seamless blend of **Python-based frontend and backend** technologies.
- **Spotify Clone** May. 2023
Personal Project Github | Website
 - Replicated core features of the Spotify platform using **HTML**, **JavaScript**, and **CSS**.
 - Incorporated seamless integration with the official Spotify platform, enabling users to access playlists.
 - Demonstrated proficiency in front-end web development, design aesthetics, and web integration techniques.

TECHNICAL SKILLS

- **Programming:** C/C++, Python, SQL
 - **Web Development:** HTML , CSS , JavaScript*
 - **FrameWork:** OpenCV , face-recognition
 - **Operating System:** Windows, Linux*
 - **Other:** Machine Learning, Problem Solving, SolidWork*
- * Elementary proficiency

KEY COURSES TAKEN

- **Coding Course:** C++, Data Structure and Algorithms
- **Mathematics:** Linear Algebra, Basic Calculus, Differential Equation
- **Departmental:** Advance Manufacturing Technology, Thermodynamics, Solid Mechanics, Dynamics of Machinery.

POSITIONS OF RESPONSIBILITY

- **Core Team Member**, PR and Branding, Alcheringa, IIT Guwahati. May 2021 - May 2022
 - Led a 3-tier team of 120+ and executed the largest student-organized cultural fest of North-East India.
- **Core Team Member**, Spirit (Annual Sports Fest of IIT Guwahati). Apr 2022 - Apr 2023
 - Actively Participated in organising and smooth execution of event and managed the team of 100+ students.

ACHEVEMENTS

- **Microsoft Engage 2022**, Selected for a one month mentorship program with **Microsoft** 2022
- **Publicis Sapient Jumpstart 2022 Hackathon**, Shortlisted among **29K Participants** for Jumpstart 2022
- **All India Women Only Hackathon**, Secured **Top 300** Rank among **9000** Teams in Hackathon 2023

EXTRACURRICULAR

- **Techevience 8.0, IIT Guwahati**, Represented robosoccer project at Techniche, IITG techincal fest
- **Electronics Club**, Succesfully Completed Project Of Electronic Piano on tinkercad
- **Team Lead Robosoccer**, Guided and managed a team of 5 member for the RoboSoccer problem statement of Kriti'23
- **Hero Campus Challenge Season 8**, Participated in Hackathon organised by Hero MotoCorp Limited