


Sanika Patil

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EDUCATION

- **University of Mumbai** Mumbai, India
Bachelor of Engineering, Computer Engineering, CGPA: 8.85 08/2020 - (Present)
- **Maharashtra State Board Higher Secondary Education** Mumbai, India
XII Science, 66.67% 06/2018 - 03/2020

SKILLS SUMMARY

- **Languages:** Python, C, C++, SQL
- **Libraries & Framework:** HTML, CSS, JS, Flask, React JS, Pandas, OpenCV, Tensorflow, sklearn

EXPERIENCE

- **SoftwareAG** Virar, Mumbai
AI Intern (Onsite) 6/2023 - Present
 - Applying **machine learning** algorithms on diverse datasets and deducing inferences
 - Creating **ML Notebooks** with detailed description for students to understand
- **Ignitus** Pittsburgh, Pennsylvania
Machine Learning Intern (Remote) 05/2023 - 08/2023
 - Applying **machine learning** algorithms on diverse datasets and deducing inferences
 - Creating **ML Notebooks** with detailed description for students to understand
- **The Sparks Foundation** Singapore
Data Science Intern (Remote) 04/2023 - 05/2023
 - To analyze datasets and get better insights from them using **machine learning and data analytics**
- **Oasis Infobyte** New Delhi, India
Data Science Intern (Remote) 03/2023 - 04/2023
 - **Performing EDA on datasets and deducing inferences**
 - **Visualizing datasets** to get better insights and solve the problem at hand
 - Building machine-learning problems
- **Oasis Infobyte** New Delhi, India
Web Development Internship (Remote) 10/2022 - 11/2022,
 - Developed dynamic websites using **HTML, CSS, Javascript**
 - Developing **interactive UI** to improve user experience

ACADEMIC PROJECTS

- **Voice Assisted Job Portal for Disabled People:** Inclusive web app with voice assistance empowering disabled individuals to access job opportunities and overcome barriers. (Apr'23)
- **Pre OCR Check:** The system is capable to assess the quality of the documents and determine if they are fit to undergo OCR and further processing using **computer vision, image processing methods**, and machines. (Feb '23)
- **Flash Segment Skipper for Epileptic Patients on YouTube using Computer Vision:** A **chrome extension** that detects flashing lights from YouTube videos and skips those segments to help people suffering from Photosensitive Epilepsy enjoy the videos. (Jan'23)
- **Mumbai House Price Prediction Website using Machine Learning:** The website uses user-provided factors and **machine learning algorithms to predict house prices** in Mumbai, offering estimated price ranges and confidence levels. (July '22)
- **Automated Emergency Location System:** The Automated Emergency Location System sends an SOS message to a designated emergency contact when the device is shaken thrice, improving personal safety and expediting an emergency response. (Dec '21)

CERTIFICATIONS

- The Data Science Course 2022: Complete Data Science Bootcamp
- Microsoft Learn AI Skills Challenge
- Amazon Web Services Machine Learning Foundations
- Microsoft Virtual Internship Program
- Programming for Everybody (University of Michigan)
- Data Analytics and Visualization Virtual Experience (Accenture)
- AI Programming with Python - Udacity Nanodegree Program

HONORS AND AWARDS

- Flash Segment Skipper for Epileptic Patients on YouTube using Computer Vision - Research Paper Published in IEEE
- Awarded Achiever of the Year 2022-23
- Won 1st Prize in National Level Project Showcase Competition
- Won 2nd prize in Research Paper Presentation
- Won 1st prize in Inter-Institutional Business Plan Competition

EXTRACURRICULAR ACTIVITIES

- HackerEarth Campus Ambassador
- Associate Club Lead at Microsoft Learn Students Club
- Deputy Secretary at National Service Scheme Committee
- Finance and Marketing Team Member at Airnova
- Technical Team Member at Computer Society of India Student Chapter - VCET