

ANISH S. PATIL

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EDUCATION

Jain College of Engineering, Belagavi.	2020-2024
Bachelor of Engineering, Electronics and Communications	CGPA: 6.51
Raja Lakhamagouda Science Institute.	2018-2020
Pre-University (12 th Grade)	CGPA: 5.37
St. Paul's High School, Belagavi	2007-2018
High School (10 th Grade)	CGPA: 7.85

INTERNSHIPS/PROFESSIONAL EXPERIENCE

Crane's Varsity, Bangalore	15/08/2023 to 15/09/2023
Data Science :	

Intern with a focus on data science, specializing in data processing using NumPy and pandas. Possess Hands-on experience in data analysis and manipulation with strong proficiency in NumPy and pandas.

Q-Spiders, Bangalore	4/07/2024
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Python Full Stack Developer :

Python Full Stack Developer with a strong background in using Python, Django. Proficient in both front-end technologies (HTML, CSS, JavaScript) and back-end development with databases such as SQL Plus (Oracle Database). Passionate about solving complex problems and delivering high-quality, maintainable code.

TECHNICAL SKILL

C Programming, Python
HTML, CSS, Java Script,
Djngo, SQL, Data Science,
Arduino IDE & IOT,
Digital electronics ,Verilog,
Embedded systems, Embedded C

PROJECTS

Object Detection Using Drone Python, Open CV, Data Analysis, Raspberry Pi	January 2024
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Object detection using drones involves utilizing aerial platforms equipped with cameras and sensors to identify and classify objects within a scene. Key skills used are :

- Data Collection : Drones capture high-resolution images or video data
- Machine Learning Model : We trained some of the objects in Raspberry Pi to identify specific objects.
- Real-time Processing : To provide immediate insights or decisions.

Pokémon Data Set Analysis Python, NumPy, pandas, matplotlib, AIML	September 2023
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Stat Distribution: Evaluating the distribution of key stats (HP, Attack, Defense, etc.) across different Pokémon to identify patterns and trends.

- Type Effectiveness: Analyzing the strengths and weaknesses of Pokémon types to determine the best combinations and counters.
- Generation Comparisons: Comparing Pokémon from different generations to observe changes in design, stats, and abilities.

Face Detection System Using Raspberry Pi Python, NumPy, pandas, matplotlib, Data Analysis, ML	June 2023
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- Built a real-time face detection system on Raspberry Pi, used OpenCV and Python to leverage the Pi's camera for face identification.

Wireless Charging Technique On Highway Magnetic Field Generation, Energy Transfer, Power Conversion	April 2023
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- Wireless highways let EVs charge as they drive, using coils embedded in the road and receivers on the car. This extends range and reduces charging stops. This project is based on electromagnetic induction.

COURSES AND CERTIFICATIONS

Arduino workshop organized by JCE IEEE WIE Student branch

EXTRA-CURRICULAR ACTIVITIES

- Joined the elite group of **Black Belts** in Karate in 2017.
 1. State Championship: Silver Medalist in Departmental Sports Karate
 2. National Championship: 2nd in National Karate Championships.
- Double victory! Won 1st place in both the Robo Race competition organized by JCER Belagavi and the Bot Building competition organized by Basaveshwar Engineering College, Bagalkot.
- In 2022-2023, I served as **Chair of IEEE Women in Engineering (WIE)**. I also held the position of **IEEE Media Head** in 2021-2022.
- Volunteered at **Google Developer Groups**, Belagavi (GDG) in 2022 and **Karnataka State Council For Science And Technology (KSCST)**, organized by VTU Belagavi.