

VYOMA MEHTA

Bengaluru, IN • +91 9611180326 • vyoma262004@gmail.com

LinkedIn: <https://www.linkedin.com/in/vyoma-mehta-6ab6a426a/>

Github: <https://github.com/Vyomamehta>

SUMMARY

Self-driven and technically proficient individual with practical exposure to real-world development environments. Contributed to both technical and cross-functional projects by applying adaptable problem-solving and code optimization strategies. Committed to delivering efficient, maintainable solutions that enhance team productivity and system functionality.

SKILLS

- **Programming Languages** : Python, JavaScript, HTML, CSS, C++, Java basics
- **Web Development** : Django, React, Bootstrap
- **Databases** : SQL, MongoDB
- **Tools & Technologies** : Git, GitHub, VS Code, Figma, , Jupyter Notebook, NPM
- **Concepts** : Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Network Security
- **Soft Skills** : Technical communication, Collaborative development, Critical thinking, Task ownership, Adaptive learning

WORK EXPERIENCE

Python Full Stack Intern – QSpiders

Feb 2025 - Present

I am currently pursuing an internship at QSpiders, where I am focusing on full-stack web development using technologies such as Python, HTML, CSS, JavaScript, and SQL. As part of the program, I am gaining hands-on experience in building responsive web applications, integrating front-end and back-end systems, and applying object-oriented programming principles. I am also working on real-time projects that strengthen my skills in database connectivity, version control with Git, and best practices in software development.

Trainee –HAL

Oct 2023 - Nov 2023

I have completed an internship at Hindustan Aeronautics Limited (HAL), where I focused on DO-254 hardware development and avionics systems design. During this time, I gained hands-on experience in hardware testing, verification, and ensuring compliance with aerospace industry standards.

EDUCATION

• Bachelor of Engineering	2021 - 2025
<i>Govt. Sri Krishnarajendra Silver Jubilee Technological Institute</i>	CGPA – 8.71
• Pre-University Course	2019 - 2021
<i>JAIN College Jayanagar</i>	90%
• 10th CBSE Board	2019
<i>Daffodils School Of Education</i>	84.8%

PROJECTS

Skin Disease Detection using Machine Learning

- Developed a machine learning model to classify skin conditions using **TensorFlow** and **Keras**.
- Processed image data using **OpenCV** and applied augmentation to increase accuracy.
- Achieved 75%+ model accuracy by validating against test data and fine-tuning hyperparameters using TensorFlow.

PitchZone – Startup Pitch & Investment Platform

- Built a full-stack platform enabling startup pitching, funding, and stock trend predictions.
- Implemented stock forecasting using Yahoo Finance API with **pandas**, **numpy**, and **scikit-learn**.
- Engineered user-friendly UI using HTML/CSS/JavaScript and backend logic with **Django**.

LEADERSHIP AND ACTIVITIES

- Led a 4-member team at CMTI Hackathon to develop an award-winning Smart Belt Health Monitoring System, earning the Best Creative Award.
- College Event Committee Member: Organized and executed technical and cultural college events. Ensured coordination between student teams and faculty.

