Kaif Asif Shaikh

✉ kaifs0351@gmail.com 📞 9307028688 📅 25/04/2004 in LinkedIn ⌗ GitHub M Medium

EDUCATION

Bachelor of Technology, B. Tech — CSE   10/2021 – 2025
D. Y. Patil International University   Pune, India
Current CGPA: 7.62/10 (GPA: 3.23 out of 4.0)

Freshmen & Sophomore Year, Science Stream - PCM (with CS)   07/2019 – 03/2021
Blossom Public School   Pune, India
AISSE 10th Grade: 85.0%
AISSE 12th Grade: 78.2%

SKILLS

Languages
Python, C++, JavaScript, C, MySQL, C#, Git

Tools
Machine Learning (TensorFlow & PyTorch), AWS, OpenCV, Azure, Figma, Bitbucket, Jira

PROFESSIONAL EXPERIENCE

National Institute of Technology, Patna 🔗   06/2022 – 08/2022
Research Intern   Remote Intern, India
- Topic of research: Agile motion of quadrupedal locomotion using Quad-SDK
- Testing Deep Learning Algorithms efficiency in object detection and usage of RNN for better object/obstacle detection and increasing accuracy by 25%.
- Implementation of Objectron (MediaPipe) which resulted an increase in terrain mapping accuracy by 12.7% when used the right number of contours.
- Global Planner's code was optimized in the sense of Time Complexity and movement speed increased by 15%.
- Tools & Languages used: Linux, Git, ROS, Quad-SDK, Python, Catkin

PROJECTS

iIMS — Intelligent Infrastructure Management System 🔗   06/2022 – 08/2022
Industry Project (Associated with DYPIU)
This system aims to solve the obstacles faced by universities/organizations in making optimal use of infrastructure, make communication easier among students and faculties and make the workflow more efficient.

AI Maze Solver 🔗
AI based Maze Solver uses DFS/BFS to encounter and solve any maze and help you analyze the lowest path cost for the problem.

COURSES

Scientific Computing with Python 🔗

AWS Educate Introduction to Cloud 101 🔗

LANGUAGES

English *(C2)*, **Hindi** *(C2)*, **Spanish** *(A1)*