Contact

apurv.robotics@gmail.com

www.linkedin.com/in/apurv-saha (LinkedIn)
github.com/Apurv354 (Other)

Top Skills

Scholarly Research
Educational Research
Localization

Languages

Hindi (Full Professional)
English (Full Professional)
Bengali (Full Professional)

Certifications

Introduction To R
Intro to Python For Data Science
Algorithmic Toolbox Coursera
Learn Python

Honors-Awards

1 st Position
2nd Prize
4 th Position
2nd Position
3rd Position

Publications

Outplaying elite table tennis players with an autonomous robot
FPV Drone with GPS used for Surveillance in Remote Areas
Face Recognition Drone

Apurv Saha

Building Robot Brains
Tokyo, Japan

Summary

Currently focused on developing a cutting-edge foundational model aimed at enhancing robot navigation capabilities.

Experience

FieldAI
Perception and Traversabillity
June 2025 - Present (1 year 4 months)
Tokyo, Japan

Making robots ready for the future

SonyAI
Engineer
July 2023 - July 2025 (2 years 1 month)
Tokyo, Japan

DeepX, Inc.
Robotics Perception Engineer
September 2022 - June 2023 (10 months)

I led a project focused on automating construction machinery using advanced technology. My role primarily involved software development, utilizing ROS2 for robot control, OpenCV for computer vision, and the Point Cloud Library for 3D data processing. This initiative aimed to enhance construction industry efficiency and safety through the integration of cameras and LiDAR sensors, showcasing my expertise in robotics and automation.

Upwork
Robotics Software Engineer
August 2022 - June 2023 (11 months)

Top-rated-plus Upwork Freelancer | Tech Enthusiast

Robotics Software Developer skilled in Python, C++, ROS, and a Swift App Developer. I've earned top ratings on Upwork for delivering cutting-edge

solutions in robotics and iOS app development. Let's connect and bring innovation to life.

You can find the link to my Upwork Profile abovein the contact info section.

Rapyuta Robotics
Robotics Software Developer
March 2020 - August 2022 (2 years 6 months)

Worked on building perception modules for warehouse automation.

- Winner in OpenCV Spatial AI Competition 2020 by automating pallet pickup using a forklift on an edge AI accelerator.
- Working on extending the system to unstructured dynamic environments for different warehouses and pallets.
- Worked on improving CI/CD by developing automated releases with a proper change log.

Education

Tokyo Institute of Technology
Master of Engineering - MEng, System and Control Engineering