

Contact

anayghatpande@gmail.com

[www.linkedin.com/in/
anayghatpande \(LinkedIn\)](https://www.linkedin.com/in/anayghatpande)

Top Skills

Product Development

Gitlab

Node-RED

Languages

English (Professional Working)

Marathi (Native or Bilingual)

Hindi (Native or Bilingual)

German (Professional Working)

Sanskrit (Elementary)

Certifications

Generative AI Mastermind

Deep Learning

Avishkar Competition

Honors-Awards

Eyantra Ideas Competition 2017

Publications

DoPose: dataset for object segmentation and 6D pose estimation

Closed Loop Control of Unstable Omni Directional Assisting System

Patents

Earthquake Relief and Rescue Operation Robot

Anay Ghatpande

Senior Development Engineer - AMR | Cobots | Mobile Robotics
Mumbai, Maharashtra, India

Summary

"Passionate about robotics, cognitive intelligence, and embedded systems, I bring a wealth of expertise to the table. My proficiency extends to mobile robots, ROS, and programming languages such as C++ and Python. Equipped with a solid foundation, I thrive on addressing intricate engineering challenges to foster innovation in the field. As a committed and dynamic Robotics Engineer, I am excited to harness my educational background and professional experience to leave a lasting impact on the industry and contribute to the advancement of cutting-edge technologies."

Experience

Zimmer Group India

1 year 3 months

Senior Development Engineer - AMR

April 2025 - Present (8 months)

Pune

Mobile Robotics - Software Development

Autonomous Mobile Robots and AGVs

Collaborative Robots

Development Engineer - Autonomous Mobile Robots

September 2024 - March 2025 (7 months)

Pune, Maharashtra, India

NEURA Robotics

1 year 9 months

Software Control Engineer

August 2023 - August 2024 (1 year 1 month)

Bielefeld, North Rhine-Westphalia, Germany

Software Engineer

April 2023 - August 2023 (5 months)

Bielefeld, North Rhine-Westphalia, Germany

Werkstudent in Collaborative automation
December 2022 - April 2023 (5 months)

Chair of Material Handling and Warehousing, TU Dortmund
Research Assistant
March 2021 - October 2022 (1 year 8 months)
Dortmund, North Rhine-Westphalia, Germany

- Assisted in the programming and maintenance of Robotnik robots for the CPPS project.
- Implemented logistical robotics solutions to enhance warehouse management efficiency.
- Collaborated with a multidisciplinary team to optimize robotic fleet operations.
- Contributed to a project that improved inventory tracking accuracy by 25%.

q.beyond AG
Working Student in IIoT Bereich
December 2020 - November 2021 (1 year)
Cologne, North Rhine-Westphalia, Germany

IIoT and Manufacturing technology
Worked on Sensor fusion for designing Digital Twin for Manufacturing industries.

camLine GmbH
Werkstudent
November 2020 - December 2020 (2 months)
Petershausen, Bavaria, Germany

IEEE
Head Of Research
July 2017 - May 2018 (11 months)
Mumbai Area, India

Managed Hands-on workshops on PCB Designing, Open-CV.
Contribution to research activities and workshops carried out in IEEE, RAIT

Bhabha Atomic Research Centre
Project Trainee
December 2016 - January 2017 (2 months)
Mumbai, Maharashtra, India

Development of Graphical User Interface for a medical surgical tool.

Education

TU Dortmund University

Master of Science - MS, Automation and Robotics · (September 2018 - September 2022)

Ramrao Adik Institute of Technology

Bachelor of Engineering (BE), Electrical and Electronics Engineering · (2014 - 2018)