

## Kanishk Navale

Autonomous Systems Engineer

Room 10, Allmandring 22A  
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### PROFILE.

Autonomous systems engineer with three years experience in the field of industrial robot automation, machine design, proposal writing, project management & machine learning.

### EMPLOYMENT HISTORY.

#### 1. Research Assistant, KLE Technological University.

August 2018 – August 2019, Hubballi – India

a. Led a student research group to build & accomplish a 4-Axes Delta Robot using EtherCAT technology equipped with machine vision for inspection & predictive maintenance.

b. Developed and commissioned an economic 5-Axes welding gantry robot with teach pendant & a 15meter reach painting gantry robot to paint trailers of the trucks.

#### 2. Robot Systems Engineer, FANUC India Pvt. Ltd.

June 2016 – July 2019, Bengaluru - India

a. Installed & commissioned 24 robots & 1 cobot in the field of machine tending, spot welding, line tracking, 2D & 3D vision systems as a site engineer.

b. Optimized the existing design process & proposal process by developing process add-ins reducing the cost & implementation time of the project almost by half.

c. Successfully bought in revenue of 30M INR through the proposals by intensive followup & proving the concepts.

### EDUCATION.

#### 1. Master of Science - Computer Science, Universität Stuttgart

October 2019 – Present, Stuttgart - Germany

a. Enrolled in the first semester of winter 2019. Working towards a specialization in Autonomous Systems

#### 2. Bachelor of Engineering – Automation & Robotics.

BVB College of Engineering & Technology

June 2012 – June 2016, Hubli – India | CGPA = 8.98 /10

a. Started the BVB Robotics Club to build robots & take part in the international robotics event "ABU Robocon."

b. Collaborated with Applied Materials India to build an auto-leveling platform for PVD chambers. The project was on display in their engineering forum "AMIND Week."

### SKILLS.

Project Management	ROS
Leadership	Python
Adaptive & Intuitive	JAVA
Collaborative	C#, C
Proposal Making	Matlab
Good at Communication	Simulink
Industrial Automation	TwinCAT
Machine Learning	CodeSys
Computer Vision	SolidWorks
Machine Design	AutoCAD
Machine Drawing	Latex
Industrial IOT	EAGLE
Embedded Systems	SQL

### CERTIFICATIONS.

1. SolidWorks Mechanical Design - Professional (C-D374NVGQVB).

2. SolidWorks Advanced Drawing - Tools Professional (C-Z64B8WPSRH).

### LANGUAGES.

1. English (B2)

2. German (A1) (Practicing)

### REFERENCES.

Mr. Mahendra Patil

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### DATE of BIRTH:

26.10.1994