

# Biswambhar Nath

Hooghly, West Bengal, 713501  
+918945800301 | nathbiswambhar@gmail.com

## Education

- Neotia Institute of Technology Management and Science** 2020-2024  
Bachelor of Technology in Robotics and Automation engineering  
8.1

## Experience

- Geometrix Automation and Robotics Private Limited** January 2024 -  
Engineer Robotics  
Full time- Exide Industries Limited  
Fanuc Yaskawa ABB kuka robot installation, programming, application, Dido setup, configuration, troubleshooting  
PLC programming and configuration with robot  
Arc, mig, tig welding Burning process  
Pick-place interlock using robot  
Several motor drive control  
Human machine interface  
Plc panel design wearing Control system design  
Transistor capacitor use for checking gas like oxygen acetylene and bmcg  
VFD, relay, limit switch, stepper motors interfacing with PLC  
Yaskawa burning robotic cell commissioning, handling
- KUKA** June 2023 - December 2023  
Trainee engineer  
Kuka Advance Robot programming working on KUKA Industry, learning how to automatically run KUKA robot  
apply logic, loop and branching on KUKA KR 16, KR120, KR5 with C2 and C4 controllers. I had a handy with KUKA expert option.  
I also working on mig welding and spot welding.
- Hewlett Packard Enterprises** 2020 - 2021  
Trainee  
Working as a trainee for an year, learning to create project on ms powerpoint, word, Excel and office. Create various projects and advanced tools uses.

## Skills

- Robot programming- KUKA, Fanuc, Yaskawa, ABB
- Language- Python, C KRL, TP, KERAL, RAPID, INFORM
- PLC programming and maintenance (Mitsubishi, Siemens, Delta)
- Industrial Automation, Human machine interface, Control system design, Robotic process automation, Pneumatic cylinder connection, pokeyoke
- VFD, Stepper motors, Drives, servo motors
- Robot, Plc programming maintenance installation commissioning

## Projects

- Exide Robotic burning project using yaskawa robot
- Khosla Zink pallate pick and place project using Fanuc robot
- ACME shoes size project using ABB robot