



Mihir Trivedi

R&D Engineer

portfolio - <https://mihir9795.github.io/>

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ABOUT

Focused and enthusiastic developer with a keen interest in software development and artificial intelligence. By comprehensive exposure to the underlying concepts and applying them vividly to various projects, my love for these domains came into being. I am a passionate individual who thrives to build and apply algorithms to solve real-world industry problems.

PROFESSIONAL EXPERIENCE

Engineer R&D _____ 2019-Present

Kalyani strategic management services — Pune, IN

Project Lead with a team of 3+ members.

Working on FFT, ML, AI algorithms to predict live machine health and predict any failures and remaining useful life of machine

Worked on Pufferfish - open source Ventilator software and hardware development for COVID-19 patients.

Worked in Project Sanjeevani, a pulse dose delivery system for COVID-19 Patients

Mechatronics Engineer _____ 2018-2019

Aliyance Mechatronics — Ahmedabad, IN

Worked for India's 1st Roboseum - a project awarded to Govt. of Gujarat, India.

Worked as Technical head for electronics team for robosium project.

Worked on prototyping and developing different robots for the robosium including AMY-waiter robot, Robo

Soccer, Painter robot, Badminton Robot, Robo Kitchen,

Robo Cafe, Technical Documentation of robosium for GCSC officials.

Automation Engineer _____ 2017-2017

Rasik Industries — Ahmedabad, IN

Worked on automation of special purpose machines such as automatic surface grinder and automatic stamp machine to stamp products.

EDUCATION

Ganpat University _____ 2014-2017

Mehsana, IN

B.Tech Mechatronics

Gujarat Technological University _____ 2009-2013

Mehsana, IN

Diploma Mechatronics