

B. TECH INTEGRATED MECHANICAL ENGINEERING

NAME – RAJ NARENDRA MHATRE CONTACT NO: 9920157398

DATE OF BIRTH – 18th MARCH, 1998. EMAIL: rajmhatre10@gmail.com**OBJECTIVE**

I am seeking a position as a Developer/Engineer in a reputable company that permits me to utilize my skills and knowledge to the fullest.

**EDUCATION**

Degree	Institute	Board/University	Year	Performance
B TECH INTG	MPSTME	NMIMS	2015-2021	2.84 / 4 CGPA
X	H. M.P. S	SSC	2015	74%

TECHNICAL SKILLS

Domain	Proficient in	Familiar With
Languages	Html, CSS, JavaScript, React	C++, Java, Python
Operating Systems	Windows (7, 8,10,11) Android/iOS	Mac OS,
PLCs		Bosch L20 DP, LX8
Software	Microsoft Office (Word, PPT)	Excel
Designing and analysis	SolidWorks	ANSYS, Auto Cad, fusion 360, Netfabb, Alias, simplify 3D, Cura

INTERNSHIPS

Company	Domain	Brief Description
Ishwar Engineering Company (Mumbai)	Design and Inspection (intern)	worked at Ishwar Engineering Company for 6 months as a design engineer and inspection of oil firing equipment <ul style="list-style-type: none">Centrifugal air blower (direct and indirect driven)oil firing Unit (heating pumping and filtering).

JOBS

Company	Domain	Brief Description
Boson Machines 3D printing (Mumbai)	Design Engineer	worked at Boson Machines as a design engineer designing various engineering parts and models using software like Fusion 360 and Solid Works and 3D printing these parts using slicing software like Cura and Simplify 3D.
Capco water solutions (Mumbai)	Project engineer	I worked at Capco Water Solutions as a project engineer Where I worked with a team of 10 members to work on NTPC projects of water disinfection systems. The system was designed to maintain the efficiency of the thermal plant which is affected by bacteria or fungi.
Aptech Pvt Ltd. (Mumbai)	Web Developer	Worked on various web development projects using HTML5 CSS, JavaScript, JavaScript-DOM, react class and function components, react-hooks, fetch API, Axios, Mui, react-router-dom, etc.

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Year	Project Title	Platforms Used / Brief Description
3 rd Year 5 th	Energy generation using piezoelectric crystals	Using dynamic loading on piezoelectric plates to demonstrate effective free electricity generation for a hazard signaling device
Final Year Project)	Electric auto Rickshaw	Designing and manufacturing an Electric Auto rickshaw from scrap. Full working physical model.
2022-till date	E-learning website, foodies website react Todo list, react food app, other react projects	Designed and developed various websites using HTML5 CSS JavaScript, react projects using react function components, react hooks, react-router-dom, fetch-API, Axios, react-bootstrap, etc.

Presentation / Workshop	Brief Description
Larsen and Toubro Industry Visit	<ul style="list-style-type: none"> Training Module Workshop on Industrial Safety at Madh Campus Sheet Metal and Fabrication
Haptics robotic arm workshop	<ul style="list-style-type: none"> Assembling a gesture-controlled robotic arm programmed using Arduino
Kumud Metals Industrial Visit	<ul style="list-style-type: none"> Casting process
Atai Auto	<ul style="list-style-type: none"> Automobile parts manufacturing
Saral Engineering	<ul style="list-style-type: none"> Manufacturing of machines used in pharmaceutical companies
CNC Machining Workshop	<ul style="list-style-type: none"> Operated Lathe CNC with the application of G-codes and M-codes

EXTRA-CURRICULAR ACTIVITIES / ACHIEVEMENTS / INTERESTS/STRENGTHS

Social Impact	
Co – Curriculars And Extra – Curricular	<ul style="list-style-type: none"> Represented school in Dr Homi Bhabha competitive Exams, Drawing exams elementary and intermediate, Science state level projects
Interests	<ul style="list-style-type: none"> Travelling and exploring Updating and enhancing knowledge of tech and automotive industry Sneaker collection & Resale 3D printing
Achievements (certifications)	<ul style="list-style-type: none"> Polarizer innovative project competition organized by mpstme Autodesk, AutoCAD for design and drafting exam prep through Coursera L&T training on safety by L &T madh Mumbai Science state level project
Strengths	<ul style="list-style-type: none"> Team player Creative innovative Salesman