



# Urooj Imran Durrani

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## ● **ABOUT ME**

As a motivated student, I am aspiring to pursue a Master's degree in Mechanical Engineering to further my knowledge and competence in the industry. With a Diploma and Bachelor's degree in Mechanical Engineering, as well as hands-on internship experience and academic projects, I have strong technical capabilities and a thorough understanding of engineering principles. I hope to use my academic education and practical experience to contribute to novel solutions and breakthroughs in mechanical engineering. I am passionate about continuing my education and strive to improve my skills and knowledge to promote industry advancement and innovation.

## ● **WORK EXPERIENCE**

01/06/2023 – 28/12/2023

**INTERNSHIP** S.R ENGINEERING WORKS

- As part of the internship, I completed a project, namely the Internal Thread Dowel Pin, which focused on CNC machines. My tasks included milling, turning, and drilling. I was also involved in troubleshooting and maintenance, which helped me develop a solid foundation in CNC technology and enhance my skills in precision engineering and manufacturing processes.

## ● **EDUCATION AND TRAINING**

2020 – 2023 India

**BACHELOR OF ENGINEERING** University of Mumbai

**Field of study** Mechanical Engineering **Final grade** 7.90 CGPI

2017 – 2020 India

**DIPLOMA** M.H Saboo Siddik Polytechnic, Mumbai Byculla, Maharashtra State Board of Technical Education

**Field of study** Mechanical Engineering **Final grade** 76.87%

2016 – 2017 India

**10TH GRADE** St. Joseph High School, Mumbai, Maharashtra State Board of Secondary and Higher Secondary Education

**Final grade** 70.20%

## ● **DIGITAL SKILLS**

CNC machine Operations | Machine Maintenance

## ● **MANAGEMENT AND LEADERSHIP SKILLS**

### **Management and leadership skills**

Problem-solving | Communication and inter-personal | Critical thinking | Analytical mindset | Organizational | Multi-tasking | Time management | Leadership | Flexibility and adaptability | Detailed and result-oriented | Decision-making | Teamwork and collaboration | Project management

## ● PROJECTS

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07/2022 – 04/2023

### Portable Arduino Micro controller CNC Machine

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- The project involved the development of an Arduino-based CNC machine that uses stepper motors and specialized driver boards to control the rotation and position of the motors. The machine operates on the principle of three Cartesian axes. It is powered by an Arduino controller and a CNC shield.

## ● HONOURS AND AWARDS

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### Achievement

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- Secured 1st place for our project at the college-organized event, TECHTATVA 2023.
- Received a conversational German Program participation certificate from Y-Axis.

## ● HOBBIES AND INTERESTS

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### Hobbies and interests

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Despite being an introvert, I enjoy participating in presentations and projects where I can freely share my thoughts and knowledge. I have a passion for leading these projects and presentations. Additionally, I am actively involved in sports, particularly football, both playing and watching. I have participated in many college-level football matches. I am also an artist and enjoy drawing sketches in my free time, which helps me be creative and improves my mood.

## ● EXTRACURRICULAR ACTIVITIES

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### Extracurricular activities

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- Participated in various college activities, including treasure hunts, quiz competitions, and project presentations.

## ● STANDARDIZED TEST SCORES

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### IELTS

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- Obtained an overall score of 7 bands in IELTS.