

## CONTACTS

+91 8107107793

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Pune, Maharashtra

## EDUCATION

### National Institute of Technology Uttarakhand

B.tech in Mechanical Engineering

08/2018 - 05/2022

### DAV Public School Uttarakhand

12th (CBSE)

01/2016 - 12/2016

## SKILLS

NET · C# · WPF · NET Framework · Gmail · MVVM · XAML · Data Structures · Git · xUnit · Prism · Visual Studio · JIRA · Bitbucket · Jenkins · OOP

## CERTIFICATIONS

### Seminar Participant – ISMSA 2019, IIT Roorkee

Attended seminar on *Inflatable Structures and Materials for Space Applications*

Organized by ISRO-IITR STC | Nov 2019

### Workshop Participant – Product Design, IIT Roorkee

5-day workshop: *Understanding Product Design: A Hands-on Approach*

NIT Uttarakhand + IIT Roorkee | June 17–21, 2019

# GAURAV VERMA

## SOFTWARE DEVELOPER

## SUMMARY

I am a detail-oriented .NET Developer with 4 years of experience specializing in C# and WPF. I have a proven ability to design, develop, and maintain robust software applications. Furthermore, I am proficient in utilizing the .NET framework to create efficient and scalable solutions, and I am passionate about staying updated with emerging technologies and continuously enhancing my skills to drive innovation.

## EXPERIENCE

### Renishaw Metrology Systems

01/2024

Software Developer

Software Developer

- Optimized application performance and reduced memory usage by ~25–30% and ~20–25% respectively, improving response times and data handling efficiency.
- Investigated and resolved high-priority production issues ensuring minimal downtime and enhanced system reliability.
- Conducted detailed code reviews and enforced clean coding practices, enhancing code quality and maintainability.
- Contributed to system design and architecture decisions, participating in sprint planning and technical meetings.
- Designed and developed reusable and scalable UI components using WPF and XAML, improving application usability.
- Refactored legacy modules to reduce technical debt, leading to improved maintainability and performance.
- Collaborated with cross-functional teams to deliver robust, user-focused features meeting project timelines.

### Renishaw Metrology Systems

01/2023 - 12/2023

Graduate Software Engineer

Graduate Software Engineer

- Designed and implemented a Compare Mode feature, enabling side-by-side visualization of data trees, improving data analysis efficiency and usability.
- Enhanced data clarity by introducing visual differentiation (highlighting mismatched data), reducing manual comparison effort.
- Refactored legacy code to improve maintainability, performance, and readability.
- Diagnosed and resolved bugs, contributing to application stability and reduced issue turnaround time.
- Collaborated with cross-functional teams to deliver high-quality, scalable software solutions.



## EXPERIENCE

### **Renishaw Metrology Systems**

01/2022 - 12/2022

Trainee Software Engineer

Trainee Software Engineer

- Strengthened core expertise in C#, OOP, MVVM architecture, and XAML, building a strong foundation in WPF development.
- Improved data processing speed by {70%} by developing a WPF Tree View.
- Built an intuitive UI to represent parent-child relationships with expandable nodes, enhancing user interaction and navigation.
- Developed a Map Review module for consolidated visualization of multiple entity data, improving accessibility and decision-making speed.