Rohan Tiwari

🎓 Education

Technische Universität Bergakademie 🔗
Master
2017 – 2020 | Freiberg, Germany
"Computational Material Science"

SRM Institute of Science and Technology 🔗
Bachelor
2013 – 2017 | Chennai, India
"Mechanical Engineering"

💼 Professional Experience

Just-In-Time-Food (Startup) 🔗
Programmer
2020 – present | Freiberg, Germany
"Native Application Developer"

AKKA Technologies 🔗
Intern & Master-Thesis
2019 – 2020 | Stuttgart, Germany
"Multi-Body Dynamic Simulation using ADAMS-CAR"

Racetech Racing Team 🔗
Formula Student Germany
2017 – 2019 | Freiberg, Germany
Participated in Formula Student East, Formula Student Austria and Formula Student Spain in 2018

Institute for Materials Science 🔗
Programmer
2018 – 2019 | Freiberg, Germany
Student Work

SRM Autonomous Under Water Vehicle
Manufacturing
2013 – 2017 | Chennai, India
Student Team

🤲 Organisations

Blooming Beacon 🔗
Event Head
2013 – 2017 | Chennai, India
Non-Governmental Organization

🧩 Professional Qualities

Strong Work Ethic, Time Management, Leadership, Good Communication Skills, Team Work

🌐 Languages

Deutsch (B1), **English** (B2-C1), **Hindi** (C1-C2)

Contact

📍 Turnerstraße-2, 09599 Freiberg, Germany
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📞 +4915217954590   🚗 Class B

🧠 Software Skills

Programming ● ● ● ● ○
Python, MATLAB, Dart, JavaScript, Flutter

CAD & MBD ● ● ● ● ○
Solid Works, CATIA, AutoCAD, Adams Car

Simulation ● ● ● ○ ○
Hyper Mesh, ANSYS, Star CCM+, Simulink

📂 Projects

Personal Programming Project
TU Bergakademie Freiberg
2017 – 2019
"Parameter Identification for a 1D Non-linear Hardening Model",
"Non-Linear Finite Element Method" &
"Irradiation Damage"

Automotive Research Design & Development 🔗
Training at DAuto CAD School

Manufacturing of Hydro Turbines 🔗
Vocational Training at Bharat Heavy Electricals Limited

Manufacturing of Air Cooled Heat Exchangers
Industrial Training at GEI Industrial Systems

Visual Management 🔗
Industrial Training at TAFE Motors and Tractors

RoboSub 2017
Student Competition held at San Diego, USA

🎸 Hobbies

Vlogging 🔗 | Photography 🔗 | Cooking