



SUMEET MUKUND ALHAT

Engineer

Entrepreneur

Designer

EXPERIENCE



1) Mahindra CIE Automotive Pvt. Ltd (Gears Division)

(6 Months, From April 2021 – October 2021)

Graduate Engineer Trainee at Production Department

Job description: Perform production operation, Production Planning Control, Line Leader, maintain smooth operation throughout production.

PROJECTS

- 1) Mechanical and electrical behavior of Polyethylene Terephthalate Glycol (PETG) reinforced Multiwall Carbon Nanotubes (MWCNT) via 3D printing
- 2) Design and development of air compressed hybrid bicycle.
- 3) Minor project: Automatic hand sanitizer dispenser.
- 4) 3-D printed a 1:1000 scale hollow Titanic model using 3 filaments in one single print. (Total 60 hrs of continuous print) – Cura Slicer, PLA Material.

CO- CURRICULAR

- 1) Secured Bronze medal at University Shotokan Karate Association Championship, Pune
- 2) Secured 1st in event of Mechanical CAD design at D.Y.P.I.E.M.R 2016
- 3) Secured 100% in online quiz on “Industrial robotics” conducted by Kamala Institute of Technology, Hyderabad
- 4) Member of incubation centre at GCE, Karad
 - Worked on latest equipment such as drones, 360 ° camera, 3D printers, 3D Scanners.
 - Co-founded a company.
- 5) Drone Pilot in photography club at GCE, Karad [← VIEW](#)

TECHNOLOGIES KNOWN

- | | |
|--|---|
| 1) 3D PRINTER
-FDM, SLA, SLS. | 4) Computer Aided Design softwares-
CATIA V5, Solidworks, Auto-cad, Autodesk Inventor |
| 2) DRONE
-DJI GO for ‘Phantom 4 Drone’ | 5) Rapid prototyping softwares –
Ultimaker cura, Pronterface, Slic3r |
| 3) 3D SCANNER
- All 3D | 6) MS Office- Word, Excel, Powerpoint |

CONTACT

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PERSONAL

- DOB: 21/08/1996
- Nationality: Indian
- Languages known: English, Hindi, Marathi, German

EDUCATION

- M. TECH
PRODUCTION ENGINEERING (FEB 2021) – 7.87 CGPA
From “Government College of Engineering Karad, Satara”
- B. E MECHANICAL ENGINEERING
(2018) – 63.26%
From “D. Y. Patil Institute of Engineering Management and Research, Akurdi, Pune”
- 12th SCIENCE (2014) – 65.85 %
From “Amrita Vidyalayam, Nigadi, Pune”
- 10th MATRICULATION (2012) -84.18 %
From “C. E. S Abhiman English Medium School, Pradhikaran, Nigadi, Pune”

HOBBIES

- Playing Football
- Playing Guitar
- Car Design
- Sketching and Painting

EXTRACURRICULAR SKILLS

- I can 3D print almost anything that I get my hands on!
- Photoshop editing, video editing

CERTIFICATIONS

- 1) Python for Data Science – IBM
- 2) Data Science Methodology – IBM
- 3) White Hat Hacker and Pen Tester – Cyber Security
- 4) Ethical Hacking Training, Cyber Security Pledged – Ministry of Electronics and Information Technology Government of India.
- 5) Introduction to Cyber Security – CISCO
- 6) Artificial Intelligence Master-Class, 30Days Internship – Pantech Solutions.
- 7) Published Research Paper at “International Research Journal of Engineering and Technology, An ISO 9001:2008 Certified Journal” Available at: <https://irjet.net/volume7-issue11> S.No: 234
- 8) Completed German language at A1 level at Lingo thoughts, foreign language institute.
- 9) Certification of participation in Google Cloud Community Days India organized by GDC Cloud Communities in India on 22nd and 23rd Jan 2021
- 10) ISO certification Basic and Practical English – SEED Infotech Ltd.

COMPETENCIES

- 1) Excellent verbal and written communication skills
- 2) Hands on experience in CATIA v5, Solidworks, Autodesk Inventor.
- 3) Hands on experience in design and development via 3D printing technology
- 4) Self-starter with an inquisitive mind
- 5) Ability to work in teams as well as independently
- 6) Knowledge of GD&T
- 7) Reverse Engineering | Additive Manufacturing [← VIEW](#)

ENTREPRENEURIAL VENTURES

3Dreamz – Co founder [← VIEW](#)

- Formed a startup under Centre of Innovation Incubation and Startup (CIIS) at Government College of Engineering Karad
- Provided customized 3D printed products/ solutions ranging from souvenir to miniature working models of mechanical systems for our clients.