

Sumeet Mukund Alhat

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Portfolio: <https://github.com/SumeetAlhat>



Educational Details

- Sep 2022 - March 2023 **PG-DAC (Centre for Development of Advance Computing)**
CDAC, Kolkata | R&D organization of the Ministry of Electronics and Information Technology
Government of India.
Core Java, Advanced Java, Data Structure, Database Technology, Web Programming
Technologies, Software Development Methodologies.
Diploma Classification: **First Class with distinction - 79.68 %**
- June 2018 - Feb 2021 **M. Tech (Masters of Technology)**
Government College of Engineering, Karad
Advanced Manufacturing, Production Engineering.
Degree Classification: **First Class with distinction - 71.20%**
- July 2014 - Jun 2018 **Bachelor of Engineering in Mechanical Engineering**
Dr. D. Y. Patil Institute of Engineering Management and Research, Akurdi, Pune.
Savitribai Phule Pune University, India
Final Degree Classification: **First Class - 63.26%**

Certifications and Trainings

December 2022 : Core Java (Coursera)

December 2022 : The Structured Query Language (Coursera)

Mar 2022 : Preparatory Course For Entrance Exam (PreCat - Sunbeam Institute)

Dec 2018 : German A1 Lingo thoughtsInstitute, Pune, India

Academic projects

1. E-commerce web application

Associated with PG-DAC

Design and development of an E- Commerce Web Application "Total Mart" using ReactJS, Spring Boot (Rest API), Maven Project Management, Hibernate (Spring JPA), MySQL Database, Embedded Tomcat Server, Builder Design Pattern. Agile Methodology.

[Click here](#)

2. Mechanical and Electrical behavior of PETG reinforced MWCNT by using FDM 3D printing

Associated with M.Tech

Generally 3D printers use filaments like ABS and PLA. The project had successfully achieved newly invented filament PETG embedded with MWCNT, which makes 3D printed products more rigid, tough and resilient than before. Also by reinforcing Multiwall Carbon Nanotubes into Polyethylene Glycol Terephthalate resulted in increase in electrical conductivity of the compound. [Click here](#)



3. Weather App

Hobby project

Developed a weather app that displays current weather temperature for a specified location. The application was developed using REST API to retrieve data

[Click here](#)

IT skills

Front end: HTML5, CSS3, JavaScript, Bootstrap, ReactJS.

Back end : Core Java, Advanced Java, Hibernate framework, Spring MVC, Spring Boot Framework, Node.js, RESTful APIs, MySQL, MongoDB, JSON, JDBC, Servlets, Data Structures.

Development technologies: Git, GitHub.

Languages: C, C++, Java, Javascript, C#, Query Language, html.

Publication

[Mechanical and Electrical behavior of PETG reinforced MWCNT by using 3D printing](#)

International Research Journal of Engineering Technology (IRJET)

Languages

- English: Full Professional Proficiency
- German: Basic Proficiency (A1 level)
- Hindi: Native Proficiency
- Marathi: First Language

Hobbies

Playing guitar, football, bike riding, Photos and Videos editing.

Extra-curricular Activities

- Member of CIIS (Centre of Innovation Incubation and Start-ups)
- Assisted young business owners in establishing startups within the 3D printing industry.

Date:

Signature: