

Sakshi Manish Dhomne

Mobile: +91 8421898128 Email: dhomesm@rknc.edu , sakshidhomne09@gmail.com

Address: Plot no. 99, Pratibha Apartment, Nagpur, Maharashtra, 440024 LinkedIn : [linkedin.com](https://www.linkedin.com) Leetcode : leetcode.com



Seeking a Software Engineer role, where I can enthusiastically apply my analytical and problem- solving skills to assess business requirements and transform them into actionable strategies for your organization.

PROFILE SUMMARY

- Gold Medalist in Computer Engineering from Government Polytechnic Nagpur with 96.70% and Student in Final year B.Tech in Computer Science at Shri Ramdeobaba College of Engineering and Management Nagpur with 9.60 CGPA.
- Completed prestigious virtual internships in Network Security, AI-ML, and Cloud Computing through Edu Skills, showcasing a broad and practical knowledge base.
- Skilled in collection of data related to business process, analysis and compilation of collected data.
- Successfully completed various projects titled as Technoveent Solar Application, Fatty Liver Segmentation and Classification and published a research paper in a renowned journal.

TECHNICAL PROFICIENCY

- Experienced in Java, C++, C programming, Android development and Web programming using PHP, JavaScript.
- Knowledgeable in managing MySQL, Oracle, Firebase No-SQL Databases, Image Processing using MATLAB, Postman API, Machine Learning and Cloud computing using AWS.
- Certified in [AWS Certified Cloud Practitioner](#), [Fortinet Certified Fundamentals Cybersecurity](#), [Fortinet Certified Associate Cybersecurity](#), and AWS Academy [Machine Learning Foundations](#).

KEY SKILLS

- Team Handling / Team Work.
- Excellent Documentation Skills.
- Data Collection for Pre-Production Files/Measurements.
- Strategy Planning and Implementation.
- Quality Assurance.
- Minimizing Performance Bottlenecks.

INTERNSHIP

Title : Python Programming at Prointegra IT Solutions. (4 weeks)

Role : Created a Covid detection system based on machine learning.

Title : Research Internship at Ramdeobaba University Nagpur. (16 weeks)

Role : Worked on a project related to Hyperspectral Imaging and Convolutional Neural Network.

PROJECTS

Title **Technoveent Solar Application**

Description The project aimed to provide a Solar based company named Technoovent Solar a facility to automate their work by managing their customers by automatically generating solar quotations and additional suggestions for application of solar panels (on the basis of latitude and longitude). Developed an android application in Java with Firebase as database.

Title **Fatty Liver Segmentation and Classification**

Description The project aimed at developing a MATLAB-based deep neural network model for segmentation of the liver from abdominal ultrasound images, enabling precise identification of fat concentration and classification into normal and fatty liver grades (Grade 1, Grade 2, Grade 3).

ACADEMIC CREDENTIALS

- **Student of B.Tech in Computer Science and Engineering**, Shri Ramdeobaba College of Engineering and Management with Current CGPA of 9.60.
- **Diploma in Computer Engineering** | Government Polytechnic Nagpur 2022 | Gold medalist with 96.70%.
- **10th** | Sanjuba High School, Nagpur, Maharashtra | CBSE Board with 94.60%.

AWARDS AND ACHIEVEMENTS

- **Best Paper Award for Development of Solar Energy (Photovoltaic) in Energy Sector and its Challenges** presented in International Conference on "Smart Villages: Technology for Sustainable Development" (IC-SVTSD 2021) (25th - 26th November 2021). [Link](#)
- **Secured Runner up position for Technoveent Solar Application** in Techno State Level Project Competition organized by Government Polytechnic Gondia. [Link](#)
- **Published Research Paper An approach of Machine Translation using Translation memory on edge computing in Journal of Theoretical Applications and Information Technology (JATIT)**. [Link](#)

PERSONAL DETAILS

Date of Birth: 09/11/2003 **Languages Known:** English, Hindi, Marathi.