

Nitesh Vishwakarma

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<https://leetcode.com/niteshv711/> | <http://geeksforgeeks//niteshv711> | <https://github.com/Github//nitesh71v>

EDUCATION

Bachelor of Computer Science and Engineering, Dr. A.P.J. Abdul Kalam Technical University, Lucknow/ ITS Engineering College, Greater Noida, 6.7 CGPA 2020- 2024

SKILLS

Programming Languages: C and C++ (Proficient), JavaScript (Intermediate), Python (Beginner), Java (Beginner)

Database and Language: Experience in Mongo DB, MySQL, SQL (Intermediate)

Frameworks: working experience in React JS, Express JS, Node JS, Bootstrap

Version Control Tools and IDE: Git, Github, Visual Studio Code

Course Work: Database and management system, Object-Oriented Programming, Software Development

Computer Networks, Operation Systems, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

Work EXPERIENCE

Web development Inter pe

July 2023 – Aug 2023, *Delhi, India*

- **Skill Proficiency:** Attained a remarkable 90% proficiency rating in HTML, CSS, & JavaScript, showcasing a strong foundation in web development skills.
- **Performance Optimization:** Successfully identified & optimized a critical component resulting in a remarkable 100% improvement in user interaction speed, enhancing overall website performance.
- **Efficient Codebase:** Completed a comprehensive code refactoring initiative, reducing application load times by 40% and enhancing maintainability, scalability, and code readability.

DSA Scholar Two Waits Pvt Ltd

Nov 2021 – Nov 2021, *Greater Noida, India*

- **Algorithm Proficiency:** Demonstrated strong proficiency in data structures and algorithms through participation in DSA Scholars program at Two Waits Pvt Ltd, consistently applying advanced concepts to solve complex coding challenges.
- **Problem-Solving Skills:** Successfully tackled challenging algorithmic problems, showcasing a strategic and analytical approach to problem-solving, and consistently achieving optimal solutions.
- **Collaborative Coding:** Collaborated effectively with fellow DSA Scholars to solve coding challenges as a part of team projects, fostering teamwork and sharing insights to achieve successful outcomes.

PROJECTS

Image Caption Generator-<https://github.com/Github//nitesh71v>

- **Deep Learning and Computer Vision:** Developed an image caption generator using state-of-the-art deep learning techniques and computer vision models, enabling accurate and contextually relevant captions for images.
- **Neural Network Architecture:** Designed and implemented a convolutional neural network (CNN) for image feature extraction and a long short-term memory (LSTM) network for sequential language generation, combining both modalities effectively.
- **Tech stack used:** python.

Facemask Deduction - <https://github.com/Github//nitesh71v>

- **Computer Vision and Deep Learning:** Developed a facemask detection system using Python, leveraging computer vision techniques and deep learning frameworks such as TensorFlow and Keras. Trained a convolutional neural network (CNN) model to accurately classify images as "with mask" or "without mask," contributing to public health safety measures.
- **Dataset Creation and Preprocessing:** Curated and preprocessed a diverse dataset of images containing individuals with and without facemasks. Employed data augmentation techniques to enhance model generalization, and performed data splitting for training and validation, resulting in a robust and effective facemask detection model. Tech stack used: Python.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- **T-Shirt & bag:** Solved 180+ problems in GFG POTD
- **Hanker rank:** 5 Star C, C++, SQL, Python, JAVA