

# Omkar Jahagirdar

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## EDUCATION

- Vishwakarma Institute of Technology** Pune, India  
*B.Tech in Computer Engineering: CGPA: 9.1* 2020 - 2024
- D.A.V. Public School** Pune, India  
*Junior College; Percentage: 91.2%* 2018 - 2020
- D.A.V. Public School** Pune, India  
*Secondary School; Percentage: 91.8%* 2012 - 2018

## SKILLS SUMMARY

- Languages:** Python, C, C++, Java, SQL
- Tools:** AWS, Tensorflow, Keras, Scikit-learn, Django, HTML, CSS, JavaScript
- Domains:** Artificial Intelligence, Machine Learning, Data structures, Object Oriented Programming, Web Development

## EXPERIENCE

- JPMorgan Chase & Co.** Mumbai, India  
*Software Engineering Intern* Jan 2024 - Jun 2024  
Worked on Data lake platform on AWS including ETL jobs for data transformation and storage. Also developed a corrections platform using Springboot for correction of data by end users.
- JPMorgan Chase & Co.** Bengaluru, India  
*Software Engineering Intern* Jun 2023 - Jul 2023  
Developed an end-to-end NLP solution to identify employees violating stock market regulations.
- Team Quark** Pune, India  
*Co-Founder and Club Head* Sept 2022 - May 2023  
Founded a technical club focused on promoting and exploring new technologies in our college.  
Club Head, responsible for the technical activities and fostering innovation and collaboration within the team.
- The Robotics Forum** Pune, India  
*Machine Learning Researcher* Oct 2021 - Sept 2022  
Working on projects in the fields of Machine Learning and Image Processing.  
A student club focused on exploring various software domains of robotics.

## ACADEMIC PROJECTS

- Idea Management Platform (Python, Django, Tailwind CSS, AWS) [Link](#):** Developed an end-to-end idea management platform that tracks an idea right from ideation to implementation. Also incorporated role based access for ideators and idea approvers. (Jan '23)
- Carbon Score Predictor (Python, Django, Tailwind CSS, Machine Learning) [Link](#):** An AI-powered web application that takes in an user's daily habits (electricity consumption, vehicles, plants in surroundings) and calculates his/her net carbon score. (Jan '23)
- Sudoku Solver (Artificial Intelligence, Machine Learning, Image Processing, Algorithms) [Link](#):** Developed an application that takes a sudoku puzzle's image as input and gives the solution as output. (Feb '22)
- Pneumonia Detector (Deep Learning, Convolutional Neural Networks, Django) [Link](#):** Developed a Neural network that takes in a x-ray image and detects if the person is suffering from pneumonia. (Jun '22)

## ACHIEVEMENTS

- Secured **1st position** in the **Bridgestone Webathon** conducted at **COEP Mindspark'22**. [Link](#)
- 2nd Runner up** in the **Cummins Innovation'23 Hackathon** conducted by **UBS**. [Link](#)
- Secured **2nd position** in the **Code for Good'22 Hackathon** organised by **JP Morgan Chase Co**. [Link](#)
- Volunteer at VIT Social Welfare & Development Committee's Utkarsh** A digital education program for students of underprivileged schools. [Link](#)
- Nvidia Certification - Fundamentals of Deep Learning** [Link](#)