

# Omkar Jahagirdar

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## EDUCATION

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- **Stony Brook University** Stony Brook, U.S.A.  
*Masters in Computer Science* *Expected 2026*
- **Vishwakarma Institute of Technology** Pune, India  
*B.Tech in Computer Engineering: CGPA: 9.1/10* *2020 - 2024*

## WORK EXPERIENCE

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- **JPMorgan Chase & Co.** Mumbai, India  
*Software Engineering Intern* *Jan 2024 - Jun 2024*  
Worked in a team to store financial data using ETL jobs in a AWS Data Lake and efficiently correct user errors by developing a correction platform using Spring Boot.
- **JPMorgan Chase & Co.** Bengaluru, India  
*Summer Intern* *Jun 2023 - Jul 2023*  
Developed problem solving skills by using AI and NLP, created a model for insider trading/information leak preventions which was a chosen a prototype at JPMorgan.

## EXTRA-CURRICULAR

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- **Team Quark** Pune, India  
*Co-Founder and Club Head* *Sept 2022 - May 2023*  
Founded a technical club focused and innovating new opportunities for students by promoting trending technologies in my undergrad college.  
Coordinated workshops and hackathons to facilitating a collaborative environment for learning.  
Led a team of 10 students which grew to a 100 in the first year.
- **The Robotics Forum** Pune, India  
*Machine Learning Researcher* *Oct 2021 - Sept 2022*  
Built projects in the fields of Machine Learning and Image Processing.  
Participated in hackathons working in a team.

## PROJECTS

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- **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](#): Built 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)
- **Image based Sudoku Solver (Artificial Intelligence, Machine Learning, Image Processing, Algorithms)** [Link](#): Trained a model 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](#): Engineered a neural network that takes in a x-ray image and detects if the person is suffering from pneumonia. (Jun '22)

## TECHNICAL SKILLS

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

## ACHIEVEMENTS

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- Secured **1st position** in the **Bridgestone Webathon** hosted 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 **JPMorgan Chase Co.** [Link](#)
- **Nvidia Certification - Fundamentals of Deep Learning** [Link](#)
- **Nvidia Certification - Natural Language Processing Applications** [Link](#)