Omkar Jahagirdar

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EDUCATION

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

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.

EXTRA-CURRICULAR

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)** <u>Link</u>: 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)** <u>Link</u>: 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)** <u>Link</u>: 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)** <u>Link</u>: Developed a Neural network that takes in a x-ray image and detects if the person is suffering from pneumonia. (Jun '22)

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

ACHIEVEMENTS

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