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Top Skills

Ruby on Rails

Amazon Web Services (AWS)

R (Programming Language)

Honors-Awards

International rank 3 at informatics
olymipad

Publications

Patent Novelty Assessment
Accelerating Innovation and Patent
Prosecution

Dynamic Neural Style Transfer for
Artistic Image Generation using
VGG19

Hybrid Approach Combining
Ultrasound and Blood Test Analysis
with A Voting Classifier for Accurate
Liver Fibrosis and Cirrhosis
Assessment

Kapil Kashyap

Software Development Engineer | Python | LLM's | GCP | RAG
Models | Analysis and Statistics
Mumbai, Maharashtra, India

Summary

I'm a recent Computer Engineering graduate from Dwarkadas J.
Sanghvi College of Engineering with a strong foundation in machine
learning, data analytics, and software development. Over the last
four years, I've combined technical research with leadership in
business and student-led initiatives.

My academic journey includes published research on neural
networks and graph-based predictive modeling, alongside impactful
projects like disease outbreak forecasting and GitHub metadata
analysis. I've served as a Teaching Assistant and held leadership
roles across entrepreneurship and technical cells, managing large
teams, budgets, and collaborations with CXOs.

I'm passionate about using data to solve real-world problems,
whether through research, development, or strategic insights.
My experience spans both the technical and business domains,
including internships in web development and business
development. I'm now looking to contribute to forward-thinking teams
in roles like Data Analyst, ML Engineer, or Business Strategist.

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Experience

Skima AI
Software Developer
July 2025 - Present (1 month)
Mumbai, Maharashtra, India

Dwarkadas J. Sanghvi College of Engineering
Teaching Assistant
August 2024 - May 2025 (10 months)

Assisted Prof. Chinmay Raut in delivering core courses: Processor
Architecture and Information Security.

Created structured lecture materials including slides, notes, and visual aids to simplify complex technical concepts.

Supported over 100 students by answering queries, offering 1:1 academic help, and giving constructive feedback on assignments.

Facilitated student understanding of advanced topics through clear explanations and practical problem-solving.

Contributed to maintaining a smooth academic flow, helping elevate class engagement and learning outcomes.

Took initiative in academic discussions, research topics, and brought creative strategies to address learning challenges.

Balanced the TA role alongside personal academic commitments with a consistent focus on excellence and timely delivery.

DJSCE E-Cell
2 years 2 months

Vice Chairperson Marketing
August 2023 - October 2024 (1 year 3 months)

As Vice Chairperson (Marketing) for the Entrepreneurship Cell, I was responsible for leading the marketing efforts and securing funding for our events.

Responsibilites:

Managing a team of 12 committee members and collaborating closely with two Heads of Department to implement effective marketing strategies.

Spearheading fundraising initiatives for various events throughout the year, utilizing a combination of cold call meetings and targeted email campaigns.

Developing and maintaining relationships with sponsors, including drafting and signing Memorandums of Understanding to formalize partnerships.

Implementing strategic planning to double our initial budget of 50,000 INR, ensuring adequate funding was secured well in advance of our events.

Overseeing the allocation and management of funds to support the successful execution of Entrepreneurship Cell activities.

Demonstrated strong organizational skills, effective communication, and the ability to build and maintain professional relationships with sponsors and stakeholders. Contributed significantly to the financial sustainability and success of our events, enabling us to provide valuable opportunities for aspiring entrepreneurs within our college community.

Secretary
August 2023 - October 2024 (1 year 3 months)

Responsible for managing all the permissions and collaborating with all the heas to ensure a smooth work flow of events.

Managed a team of 17 core members and 60 co-comm members.

Successfully conducted a speaker session with Kartik Jolapara and PLANNERED 4.0 where around 2,500 registerations were recieved from all pver India and 450 were shortlisted to come to our college to take part in the event.

Started a youtube campaign called Success Stories where we interviewd our Principal Mr. Hari Vasudevan Sir and Ms. Shirley Mathews on the stratergies of innovation and innovative products developped in our college.

They can be accessed at - https://www.youtube.com/@Djsce-IIC/videos

Associate for Public Relations
September 2022 - August 2023 (1 year)

Responsible for managing social media content and making social media more posts and stories more interactive, spreading about ecell and getting footfall for the events.

Also managed the official LinkedIn, Twitter and Instagram account of DJSCE E-Cell.

DJSCE Trinity
2 years 1 month

Head of Finance Department
December 2023 - September 2024 (10 months)

As Head of Finance for the committee, I was responsible for:

1. Managing a total of 13 lakhs INR in funds

2. Maintaining accurate financial records

3. Conducting regular audits

4. Ensuring financial sustainability

5. Creating and overseeing budgets for events and projects

6. Implementing financial controls and best practices.

Associate for public relations
September 2022 - December 2023 (1 year 4 months)

Contacting celebrities managing Instagram posts and stories publicising the events increasing Instagram reach, promoting DJSCE Trinity's Instagram handle

DJS CodeStars
Technical Head
October 2023 - August 2024 (11 months)

As Technical Head, my key responsibilities included:

1. Conducting DSA lectures to strengthen students' competitive programming skills

2. Drafting and curating challenging questions for competitions like "Code Bounty" and "Code UnCode"

3. Overseeing technical aspects of events, including platform setup and management

4. Leading post-contest discussions to analyze problems and explain efficient solutions

5. Mentoring junior members and coordinating with a 15-member technical team

6. Contributing to strategies for preparing students for competitions like ACM ICPC and tech company internships

7. Assisting in post-event analysis to improve future competitions

ParkIt.biz
Business Development
June 2023 - August 2023 (3 months)
Mumbai, Maharashtra, India

Generated leads, conducted market research, and fostered partnerships using data-driven insights to drive growth and expand opportunities. Also worked alongside the HR Department.

Synapse
Associate
September 2022 - August 2023 (1 year)

Organising and managing events and outreach manager for HACKNICHE.

AIESEC in India
1 year 3 months

Head of Corporate Relations and Considerations for Incoming Corporate Sector for AIESEC in Mumbai
December 2022 - March 2023 (4 months)

I am responsible for developing and executing recruitment strategies to attract top talent from diverse international markets and provide them to organizations. I work closely with the executive leadership team to identify the organization's talent needs and develop plans to fill those needs with the most qualified candidates. I lead a team of 6 members and inculcate them with the knowledge of talent recruitment while also helping them with self-development.

Senior Manager for Customer Relations

July 2022 - December 2022 (6 months)
Mumbai, Maharashtra, India

Sr. Manager for Customer Experience for Incoming Corporate Sector for AIESEC in Mumbai

Vice President for Delegate Experience
August 2022 - September 2022 (2 months)
Mumbai, Maharashtra, India

Worked with an organising committe of 9 individuals and organised a winter leadership conference for a total of 120 people in Silvassa. I was responsible to look after the experience of the delegates and also ensured a smooth flow of the entire conference.

Worked jn a team of 3 and contacted over 100 delegates and brought in a cash flow of over 4.3 Lakhs.

Junior Manager for International Relations
January 2022 - July 2022 (7 months)
Mumbai, Maharashtra, India

I maintain International Relations with MNCs and other AIESEC entities globally. I bring in applicants for cross cultural exchanges to inculcate leadership development and hence develop international youth to professional experiences in many industries and fields.

Education

Dwarkadas J. Sanghvi College of Engineering
Honors Degree, Intelligent Computing · (September 2023 - June 2025)

Dwarkadas J. Sanghvi College of Engineering
Bachelor of Technology - BTech, Computer engineering · (December 2021 - May 2025)

Indian Institute of Technology, Madras
Bachelor of Science - BS, Data Science · (May 2022 - May 2023)

Pace Junior Science College
Hsc, Engineering Science · (April 2019 - August 2021)

Bombay Cambridge School Andheri East
Igcse , Science · (March 2019)