

Gagandeep Singh (SKY) PAHUJA

9513 3rd Ave, Brooklyn, NY 11209 | +1 347 525 7865 | gsp10009@nyu.edu | [LinkedIn](#)

Forward Deployed Engineering | AI Products, Production Systems & Customer Deployment

EXPERIENCE

New York University, Tandon School of Engineering

Graduate Assistant

New York, NY

Sep 2026 – Present

- Support Professors Tom Mazzone and Shizhu Liu (Technology Management and Innovation) with course coordination, programme operations and end-to-end academic event planning.

TechSHRM, NYU

Vice President, External Relations & Partnerships

New York, NY

Sep 2026 – Present

- Lead external partnerships and industry links for 2026–27; hosted the TechSHRM HR Industry Panel at Tandon with senior leaders from Meta, Genpact and Robinhood.
- Built a LinkedIn community of 5,295 followers writing on AI, product and deployment; mentor students on projects and careers.

Foxxbiz Software Pvt. Ltd.

Assistant Product Manager

Bengaluru, India (Remote)

Jan 2025 – Aug 2025

- Worked directly with SME business owners to define requirements for a modular platform (online store setup, invoicing, multilingual settings, device pairing, data backup); owned delivery timelines with the development team.
- Cut implementation time by 20% across 6 sprints by tightening requirements, release planning and UX feedback cycles with users.

Mahamaya Food Corner

Founder & Chief Executive Officer

Ratanpur, India

Apr 2025 – Jul 2025

- Led a small team from wireframes to a live website MVP for an unmet rural food delivery need, owning product lifecycle and operations.
- Deployed into a low-digital-literacy environment: field research showed adoption blocked by literacy and habit, so simplified the ordering model around how the community actually orders.

Tata Consultancy Services

DevOps Engineer

Pune, India

Jul 2022 – Jan 2025

- Managed AWS and GCP cloud infrastructure for production systems at 99.9% uptime; cut infrastructure costs by 15% and incident turnaround by 40% through automation.
- Built and secured deployment pipelines across live environments using CyberArk and DevOps best practice; troubleshooted performance bottlenecks with cross-functional teams.

UG Solutions

Founder

Bhilai, India

Dec 2019 – Jan 2021

- Validated the venture with research among 100+ undergraduate peers, then built a partnership model connecting students to startup projects; placed 50+ students across 10+ B2B accounts.

4MirrorTech Innovations, AI/ML Intern (Aug 2021 – Mar 2022): Built ML applications with TensorFlow and OpenCV for image recognition, segmentation and feature extraction.

EDUCATION

New York University, Tandon School of Engineering

MS in Management of Technology, GPA 3.5/4.0

New York, NY

Expected May 2027

- Global programme: NYU London (Year 1), ESSEC Paris (summer), New York (Year 2). Data Society Hackathon winner; featured in an official NYU Tandon profile.
- Coursework: Data Visualisation, Financial Analysis, Economics & Strategy, Organisational Behaviour, Global Innovation, Statistics, Design Strategy.

ESSEC Business School, Global Manager in Europe (Jun – Jul 2026): Summer modules in Geopolitics, Marketing and Luxury Brand Management, Paris and Cergy.

Shri Shankaracharya Technical Campus, CSVTU

BTech in Computer Science and Engineering

Bhilai, India

2018 – 2022

PROJECTS

London Property Price Predictor (2025–26): Led a 4-person team; LightGBM with Optuna reached 91% accuracy (MAE 10.94%) with custom geospatial features; deployed on Vercel; NYU Data Society Hackathon winner.

GUARDIAN, AI Governance Evaluation (NYU Capstone, 2026): Product lead on an evaluation approach that turns AI evidence into plain-language deployment-readiness scores for decision-makers. Sponsor: Dr Andrew Vance, Cyber Institute.

Campus Dating Platform (2026): Leading a student team building a verified campus platform; architected the stack on Node.js, NestJS and Prisma; market sizing: 8 to 9 million user baseline.

SKILLS & CERTIFICATIONS

Certifications: SAP BTP Gen AI & Agentic AI Workshop (2026); Google Associate Cloud Engineer (2023).

Technical: Python, AWS, GCP, Kubernetes, Docker, Terraform, JavaScript, C#, TensorFlow, OpenCV, Tableau, Figma, Git.

Deployment & Delivery: Customer discovery, field research, requirements, Agile delivery, stakeholder communication, adoption and enablement.