

# NISHANT SHARMA

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## SUMMARY

M.S. candidate at NYU Tandon with full stack & cloud deployment expertise. Launched and scaled a Node+React SaaS platform serving 5,000+ users. Skilled in LLM fine-tuning, deep learning, and end-to-end MLOps. Seeking AI research or software engineering roles.

## TECHNICAL SKILLS

- **Programming & Frameworks:** Python, Java, C++, TypeScript
- **Frameworks & Libraries:** React, Node.js, FastAPI
- **Machine Learning & Data:** PyTorch, TensorFlow, Hugging Face Transformers
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Terraform, GitHub Actions

## EDUCATION

### NEW YORK UNIVERSITY, TANDON SCHOOL OF ENGINEERING, NEW YORK, NY

Master of Science in Computer Engineering, GPA: 3.6 (Sep 2024 – May 2026)

Relevant Coursework: Machine Learning; Deep Learning; MLOps; Internet Architecture & Protocols

### DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, DELHI, INDIA

Bachelor of Technology in Computer Science & Engineering, 1st Division with Honors (Aug 2020 – Jun 2024)

Leadership & Activities: Technical Head, CSI Student Chapter – Led a 15-member team to run full-stack, DevOps, and Python hackathons/workshops for 200+ students.

## EXPERIENCE

### Co-Founder & Lead Engineer | Ingelt Board | Dec 2022 – Jul 2024, India

- Architected and scaled a microservices-based SaaS platform in NodeJS (Express) and React, serving 5,000+ students and 200+ counselors; implemented CI/CD pipelines and ML-powered support system, boosting DAU by 30%
- Managed AWS infrastructure (EC2, RDS, S3) with Terraform, Docker, and Kubernetes—ensuring 99.9% uptime and seamless production deployments
- Led a 12-engineer Agile team through three full-lifecycle product releases on schedule

### Subject Matter Expert | Chegg India | Sep 2022 – Jul 2023, India

- Delivered 1,000+ step-by-step CS and engineering solutions with a 97% student-helpfulness rating, simplifying complex topics for enhanced learning
- Reviewed and improved solution accuracy, contributing to higher content quality and platform reliability

### Software Developer Intern | Macverin Technologies | Jul 2022 – Dec 2022, India

- Developed full-stack web applications in Java and Python for 8+ clients, improving page-load performance by 25% and security compliance by 15%
- Automated CI/CD workflows with Jenkins and GitHub Actions, cutting build-to-deploy time from weekly to daily
- Containerized services with Docker and deployed across AWS, GCP, and Azure, reducing hosting costs by 20% while maintaining 99.9% uptime

## PROJECTS

### BERT-Finetuned AGNews [\[Repo\]](#) (2025)

- Fine-tuning BERT models over AGNews Dataset for improved text classification and news categorization. Implemented state-of-the-art NLP techniques for better accuracy.

### Pickup WebApp [\[WebApp Repo\]](#) [\[ML Server Repo\]](#) (2024)

- A hackathon project that shows Pickup Games in your area using ML-based algorithms. Helps users find and join local sports games and activities.

### A Comprehensive Study on Generalization in AI [\[Client Repo\]](#) [\[Server Repo\]](#) [\[Dashboard Repo\]](#) [\[Live\]](#) (2024)

- Implemented and evaluated BERT transformer, K-Means clustering, regression, and time-series analyses on e-commerce datasets to diagnose and propose solutions for model generalization challenges.