

ANUPAM SINGH

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EDUCATION

Abes Institute of Technology

B-Tech in Computer Science and Engineering - CGPA - 7.08

Nov 2021 – June 2025

Ghaziabad, India

Intermediate

Lucknow Public College - Gomti nagar, Lucknow, UP - Percentage - 78.8%

2020

High School:

Little Flower School - Salempur, Deoria, UP - Percentage - 78.6%

2018

EXPERIENCE

Data Engineer (Altysys Technology Pvt. Ltd) 🔗

Nov 2024 – Feb 2025

- Built **ETL pipelines using Python, SQL, and Databricks** for data ingestion and transformation.
- Worked with **Azure Data Lake, Blob Storage**, selecting storage based on access patterns and data size.
- Applied **Medallion Architecture** for modular, reusable pipeline design.
- Implemented **CI/CD pipelines** for automated deployment of workflows.
- Set up alerts for pipeline failures, threshold breaches, and job delays using **Azure Monitor** and **Databricks**.

AI & ML (GI Ventures) 🔗

Dec 2023 – May 2024

- Accelerated computer vision projects with **Nvidia DGX-100**.
- Enhanced image annotation and model training using Docker and Roboflow, increasing efficiency.
- Developed a **PPE Violation Detection System** with YOLOv7 and PyTorch, achieved a 95% accuracy rate. Integrated with Google **Gmail API** for automated alerts.

PROJECTS

E-commerce Multi-vendor Platform 🔗 | Nextjs, Express, Stripe, Vercel, Clerk

Oct 2025

- Built a scalable e-commerce platform with dynamic cart, address, and order flows using Next.js and Express.
- Integrated Stripe for secure payments with post-payment cart clearing and order updates.
- Resolved Vercel deployment blockers by patching unsupported node:module imports via patch-package.
- Automated dependency patching and ensured build reliability across environments.

QuickBlog using AI 🔗 | MERN, Gemini AI, Image Kit

Sep 2025

- Built a scalable blogging platform with secure admin flows, dynamic post rendering, and markdown support.
- Implemented authentication, post CRUD, and role-based access using Express and Prisma ORM.
- Optimized Vercel deployment by patching unsupported modules and ensuring build consistency across environments.
- Integrated Inngeist for background job scheduling and automated post-processing.

PPE Voilation Detection System 🔗 | NVIDIA DGX server, Roboflow, YOLOv7

Mar 2024

- Automated system using TensorFlow, YOLOv7, and NVIDIA GPU servers for detecting Personal Protective Equipment (PPE) violations in industrial settings.
- It has an option to integrate with CCTV cameras or any webcam.
- We have added the feature to send alert emails using an API with flexible time intervals.
- Used Roboflow for dataset Labelling and creating artificial data.

TECHNICAL SKILLS

Languages: C++, JavaScript, SQL

Developer Tools: VS Code, Git, GitHub, Clerk, Prisma, Inngeist, Roboflow, Jupyter Notebook

Frontend : ReactJS, Next.js, Tailwind, Bootstrap

Backend : Node.js, Express, REST APIs, MongoDB, MySQL

CERTIFICATIONS

- TCS iON Career Edge – Young Professional
- Core Java & OOPs Training Program - ABESIT
- C++ Programing Language - Udemy
- Databricks Accredited-Databricks Fundamentals
- Postman - API Fundamentals Student Expert