

# PUSHPAK GOEL

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## PROFESSIONAL EXPERIENCE

### AIML Intern at Drifko | [Certificate](#)

Hybrid | September 2023 - December 2023

- **Developed** a Legal tech solution integrated with complex **ML Algorithms**.
- Used **Python** and **Django**, increasing product growth by **17%**.
- Deployed computer vision projects with **98% accuracy** in object detection and recognition.

### Product Management Intern at Drifko | [Certificate](#)

Hybrid | January 2024 - September 2024

- Led development of **SaaS product** legal tech solution with **Python** and **Django**, increasing product growth by **17%**.
- Participated in **product development** and **implementation strategy** preparation for Legal Tech product
- Enhanced team performance by **35% with targeted strategies**.

### AI-ML Trainee at Global Infoventures (NVIDIA)

On-Site | October 2024- Present

- Trained in AI/ML concepts with a focus on **deep learning** and **computer vision** using **NVIDIA technologies**.
- Worked on **real-world AI projects**, optimizing ML models for **efficiency** and **accuracy**.
- Gained hands-on experience with **TensorFlow**, **PyTorch**, and NVIDIA AI frameworks.

## EDUCATION

- **Bachelor of Technology, Computer Science Engineering**  
ABES Institute of Technology, Ghaziabad | Expected 2026 | 8.05/10  
A.P.J. Abdul Kalam Technical University, Uttar Pradesh, India

## ACHIEVEMENTS

- **SIH'24 Finalist** - Got chosen among 500 teams by **Ministry of Jal Shakti** [Certificate](#)
- **First Runner Up** - Hacktara'23 organised by **IIT Delhi** [Certificate](#)
- **Finalist Ideathon 2.0** - Qualified among **250+** teams.
- **SIH Internals Finalist** - Cleared internal rounds of **SIH23** and **SIH24**.

## TECHNICAL PROJECTS

1. **NyayaVivaka (Python, LLM, NLTK, opencv, Azure openai)** [LINK](#)
  - AI Solution for streamlining legislative processes and providing info of cases to lawyers and judges.
2. **Intelligent Speed Monitoring and Alert System for Traffic Management (Python, opencv, yolo, pytorch)** [LINK](#)
  - Developed an AI-based speed monitoring system using **YOLO**, **PyTorch**, and **OpenCV** to **detect** and **track** speeding vehicles in **real time**.
  - Implemented **automated alert mechanisms**, enhancing traffic management and road safety by identifying violations instantly.
3. **Jal Sandhana - SIH24 Project (Python, Grok, Llama, fast api)** [LINK](#)
  - **Built an AI chatbot** using **Python**, **Groq**, **Llama**, and **FastAPI** for groundwater information.
  - **Integrated government datasets** to provide real-time insights on policies and NOC requirements.

## SKILLS

- **Languages:** Python, HTML, CSS, SQL, C
- **Developer Tools:** VS Code, Google Cloud Platform, Jupyter Notebook, Azure Portal, Docker, Replit,
- **Technologies/Frameworks:** Linux, GitHub, Git, Django
- **Libraries/Frameworks:** Data & ML (**NumPy**, **Pandas**, **Matplotlib**, **Scikit-learn**, **Pytorch**), Web Development (**Flask**, **Django**), NLP & CV (**NLTK**, **OpenCV**), Basic Prompt Engineering

## EXTRACURRICULAR

- **President** - Innocrats ABESIT
- **Technical Lead** - Microsoft Student Chapter ABESIT
- **Mentor and Teacher** - Light De Literacy **NGO**
- **Lead Organizer** - Organised **Startup Mixer Event** for increasing the **connection** between students and startup owners