Shailesh Kumar Vishwakarma

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EDUCATION

Indira Gandhi National Open University — Delhi, India
*Master of Computer Applications (**Online Mode**)* — *Aug 2024 - Jun 2026*
Courses: Design and Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Software Engineering.

Indira Gandhi National Open University — Delhi, India
Bachelor of Computer Applications, Percentage: 67.07 — *Aug 2019 - March 2023*

Government Polytechnic Bijnor — Bijnor, Uttar Pradesh, India
3-year Polytechnic Diploma in Computer Science & Engineering; Percentage: 72.54 — *July 2015 - Jun 2018*
Courses: Data Structures and Algorithms, Software Engineering.

SKILLS SUMMARY

- **Languages**: Python, SQL
- **Tools & Technologies**: Streamlit, TensorFlow, Machine Learning, Deep Learning

EXPERIENCE

Software Development
Entry-Level

- **Objective**:
  - An aspiring software developer with a strong foundation in Python programming, machine learning, and software development methodologies.
  - Seeking an entry-level role to leverage these skills in a professional environment.

Wipro Limited — Gurgaon, India
Administrator — *Sep 2019 - Dec 2021*

- **Customer Service Engineer**:
  - Delivered onsite customer support, including device configuration, troubleshooting vulnerabilities, resolutions, Firmware Upgrades, and hardware replacements.
  - Collaborated with the Network and Security team to deploy and maintain networking devices, ensuring smooth operations.
  - Efficiently managed and resolved incoming technical queries, maintained high customer satisfaction through timely issue resolution.

PROJECTS

- **Image Captioning (Deep Learning)**: Developed a deep learning model using EfficientNetB7 for feature extraction and GRU for text generation.
  - Dataset: Worked on MS-COCO dataset consisting of 80K training, 5K validation, and 40K test images.
  - Score: Achieved a 55% BLEU score on validation data, with minimal gap between training and validation scores.
  - Streamline: Utilized custom data loaders to optimize memory usage during training.
  - Optimization: Implemented early stopping and model checkpoints for efficient training and evaluation.
  - Web App: https://shailvestein-image-captioning.streamlit.app/
  - Blog: https://medium.com/@shailvestein/image-captioning-using-deep-learning-b6ee8226128e
  - Github: https://github.com/shailvestein/image_captioning

HONORS AND AWARDS

- Awarded Engineer of the month twice during COVID-19 period at Wipro Ltd.
- Selected in top 3 students from my college for Zonal level badminton in the Annual Games organized by Board of Technical University UP in 2015-16.
- Ranked 1st among a batch of 25 students at High School Level S.K.Public School Lohri Robertsganj Sonbhadra in 2012