

# Shailesh Kumar Vishwakarma

[Portfolio ↗] [GitHub ↗] [LinkedIn ↗] [LeetCode ↗]

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**Location:** India (Open to Remote Work)

## CAREER OBJECTIVE

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- Aspiring software developer with strong foundations in Python, web development, and artificial intelligence, combined with excellent communication skills.
- Ability to work well under pressure with strong problem-solving and analytical skills.
- Enthusiastic to contribute in impactful projects and advance professionally in a collaborative environment.

## SKILLS

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- **Programming Languages:** Python, Java
- **Databases:** MySQL
- **Web Technologies:** HTML, CSS, Streamlit, Flask, Bootstrap
- **AI/Concepts:** Artificial Intelligence, Machine Learning, Deep Learning, Software Development Life Cycle (SDLC), OOPs, Data Structures & Algorithms

## PROJECTS

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- **Portfolio Web Application (Deployed on Render)** [Live Demo ↗] [GitHub ↗]
  - Developed a fully responsive portfolio web app software system with the help of AI showcasing skills, education, and projects with dynamic content management.
  - Built using Flask, Bootstrap, and PostgreSQL (Supabase Cloud) leveraging Python, HTML, and CSS.
  - Designed and implemented a secure admin dashboard enabling real-time content updates.
- **Expense Tracker System (Deployed on Render)** [Live Demo ↗] [GitHub ↗]
  - Engineered a role-based expense tracker with the help of AI to efficiently manage shared expenses between users, enhancing transparency.
  - Developed an admin panel supporting user management, expense history, and comprehensive analytics.
  - Built using Flask, Bootstrap, and PostgreSQL (Supabase Cloud) to deliver a scalable and user-friendly solution.
- **Image Captioning with Deep Learning (Deployed on Streamlit)** [Live Demo ↗] [GitHub ↗] [Blog ↗]
  - Developed an image captioning model by integrating EfficientNetB7 CNN and GRU on the MS-COCO dataset, which generates text for images based on its visual context.
  - Achieved 55% BLEU score on the validation set while minimizing overfitting using early stopping and custom data loaders.
  - Leveraged TensorFlow, NumPy, and Pandas for data preprocessing, model training, and evaluation.

## EDUCATION

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- **Indira Gandhi National Open University** New Delhi, India  
*Master of Computer Applications* Aug 2024 – Present
  - Percentage: 61.09%
  - Relevant coursework: Design and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Software Engineering
- **Indira Gandhi National Open University** New Delhi, India  
*Bachelor of Computer Applications* Aug 2019 – Dec 2022
  - Percentage: 67.07%
  - Relevant coursework: Data Structures and Algorithms
- **Govt. Polytechnic Bijnor** Uttar Pradesh, India  
*3 year Diploma in Computer Science & Engineering* Jul 2015 – Jun 2018
  - Percentage: 72.54%
  - Relevant coursework: Software Engineering

## EXPERIENCE

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- **Wipro Limited** Gurgaon, Haryana, India  
*Administrator* *Sep 2019 – Dec 2021*
  - Delivered onsite customer support including device configuration, troubleshooting, and firmware upgrades and resolved 200+ technical issues with a 95%+ customer satisfaction rate.
  - Collaborated with Network and Security teams to deploy and maintain networking devices, reducing downtime by 15%.
  - Resolved complex technical queries promptly, ensuring high customer satisfaction and adherence to SLAs.

## HONORS AND AWARDS

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- Awarded “**Engineer of the Month**” twice during COVID-19 period at Wipro Ltd. for outstanding technical support.
- Secured **top-3** position in the college-level badminton tournament at Annual University Games (2015–16).
- Secured **1st rank** in 10th standard in my school (2011-2012).