Shailesh Kumar Vishwakarma

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

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Location: India (Open to Remote Work)

Career Objective

- 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

- **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)

Projects

- **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

- **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

- **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

- 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).