DIVYA SHRESTHA

Personal Information

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Objective

Passionate about web development, machine learning, and AI, I aim to continually enhance my skills and stay updated with industry trends. My goal is to create innovative web applications that leverage machine learning and AI to address real-world problems. By collaborating with diverse teams on exciting projects, I aspire to make a significant impact in the tech world and be recognized as a leader in these fields.

Education

BSc (Hons) Computing   *2022 – Present*
Islington College (London Metropolitan University), Kamal Marg, Kamalpokhari, Kathmandu.

SLC *2020 – 2022*
Uniglobe College (National Education Board), Kamaladi, Kathmandu.

SEE *2010 – 2020*
GEMS School (National Education Board), Dhapakhel, Lalitpur.

Skills

Technical Skills:

- **Languages**: C/C++, Java, Python, JavaScript, SQL
- **Frameworks & Tools**: ReactJS, Django, Spring, NodeJS
- **Operating Systems**: Windows, Linux
- **Markup Languages**: HTML

Soft Skills:

- **Communication**
- **Time Management**
- **Interpersonal Skills**

Project Work

Academic Projects:

- **<u>Dynamic Website</u>:** Developed a dynamic e-commerce web application using Java Servlets to find products based on client interests and includes an admin page for adding or removing products, resulting in a personalized shopping experience and streamlined management.

- **<u>Rental Management System</u>:** Developed a rental system that allows people to return and rent items from a dynamically changing list without using a database, using python resulting in a flexible and efficient item management process.

- **Validation Software:** Developed validation software using Java GUI and Array List so that data matching specified criteria is stored within the system, enabling clients to check their scores, pay fees, and perform other related actions, resulting in streamlined client interactions and improved data management.

- **<u>Salaries Unveiled</u>:** Developed a Jupyter Notebook to analyze a CSV dataset on data science salaries, performing data manipulations and generating visualizations using pandas and matplotlib to provide insights into salary distributions and job trends.

Personal Projects:

- **<u>Item management</u>:** Developed a rental system in Java using file read and write operations that lets users return and rent items from a list that updates dynamically, providing a flexible and efficient way to manage items without a database.

- **<u>Dragon Ball API Explorer</u>:** Developed a web app using React JS to fetch data from the Dragon Ball API so that character information is displayed, resulting in an interactive and informative user experience.

- **<u>CamSell Web App</u>:** Developed a Django web application for an online camera store, featuring product listings, user authentication, shopping cart, and order management. Integrated a payment gateway for secure transactions and an admin panel for efficient product and order management, ensuring a seamless shopping experience.

Awards and Certificates

- <u>AWS Academy Graduate</u> - Cloud Foundations
- <u>AWS Academy Graduate</u> - Data Engineering
- <u>AWS Academy Graduate</u> - Machine Learning for Natural Language Processing
- <u>AWS Academy Graduate</u> - Machine Learning Foundations