

RUPESH KUMAR YADAV

Software Development ~ Consultant

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SUMMARY

With a strong passion for technology and software development, I am motivated to explore innovative solutions. Equipped with proficient programming skills in Core Java, Python, SQL, and React, I strive to augment my capabilities to make a meaningful difference. Highly motivated and self-driven, I am looking forward to pioneering advancements and driving success in the consulting business.

SKILLS

Languages: Python, Java, SQL, JavaScript, C++, C.
Technologies: Django, Java, Spring, React, Docker, Kubernetes, GCP, Git, Tensorflow, Firebase, Webflow, Figma, Postman, SDLC
Databases: Postgres, MySQL

PROJECTS

Django
Figma
Postgres

GokapinnoTech

github.com/rupeshadhikari201/gokap

- Utilized Figma to craft a sleek and minimalist landing page design.
- Developed the backend infrastructure using Django and its REST framework.
- Designed RESTful APIs to interact seamlessly with a Postgres database and the client interface. Performed API testing with Postman.
- Implemented security measures by employing Django's JSON Web Token Authentication to secure the APIs.
- Successfully deployed both the Django web server and the database on Render Cloud.

Tensorflow
Streamlit
Huggingface

Image Classification using ResNet

huggingface.co/spaces/Rupex007/ImageClassifier

- Utilized ResNet152V2 architecture on Animal10 dataset.
- Enhanced accuracy and data quality by applying data augmentation techniques.
- Overcame overfitting by incorporating dropout connections.
- Created a user-friendly interface using Streamlit, to allow users to upload image.
- Deployed the model on Hugging Face Spaces, making it accessible to users for real-time classification tasks.

React
MaterialUI
Firebase

NGO Website

https://wcwc-8f8f7.web.app/

- Designed user-friendly interface with Figma.
- Developed frontend with ReactJS, leveraging state management for smooth interaction and Utilized MaterialUI for rapid UI implementation.
- Hosted the site on Firebase.

Machine Learning
NLP
Streamlit

Movie Recommendation System

huggingface.co/spaces/Rupex007/MovieRecommendationSystem

- Implemented a content-based movie recommendation system utilizing machine learning algorithms.
- Recommends movies based on content attributes, employing natural language processing techniques.
- Deployed the system on Hugging Face Spaces.

EDUCATION

08/2021 - Present **Chandigarh University, Mohali, Punjab** Undergrad
Bachelor's in Computer Science with specialization in Artificial Intelligence and Machine learning in collaboration with IBM.

2018- 2020 **Triton International College, Subidhanagar, Kathmandu** Isc.
Intermediate in Science with PCM (Physics, Chemistry and Mathematics).

2015 - 2018 **Kalpavriksha Secondary English Boarding School,** School
Completed My Secondary Education from grade 8 to 10 with excellent grades.

EXPERIENCE

07/08/2023	-FullStack Development Intern <ul style="list-style-type: none"> • Revamped company website through redesign process using Figma, focusing on enhancing user experience and visual appeal. • Developed redesigned website using React.js and Bootstrap, ensuring responsiveness and modern design standards. • Led a team of 5 interns, overseeing their tasks, providing guidance, and fostering collaboration. • Implemented strategic planning and goal-setting to achieve project milestones and enhance user experience. • Cultivated a positive and inclusive work environment, where all team members feel valued, respected, and empowered. 	EDXL
06/11/2023		

CERTIFICATIONS

May-21, 2022	Advance Machine Learning on Cloud <ul style="list-style-type: none"> • Hands-on experience in optimizing, deploying, and scaling production ML models of various types. • Covered building scalable, accurate, and production-ready models for structured data, image data, time-series, and natural language text. • Ended with a course on building recommendation systems. 	Coursera
May-21, 2022		
	HTML, CSS, and Javascript for Web Developers <ul style="list-style-type: none"> • This comprehensive course equipped me with the essential skills for front-end web development. • Through hands-on projects and practical exercises, I gained proficiency in creating responsive and visually appealing web applications. 	Coursera

LANGUAGES

English - fluent, **Nepali** - native, **Hindi** - fluent