KRISHNA PRASAD PANTHI

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SUMMARY

Software developer with 3 years of experience.

SKILLS

Programming Languages	C#, Python, JavaScript, C++, SQL
Libraries and Frameworks	.NET, Node.js, Vue.js, GraphQL, Flask,
Databases	MSSQL, MYSQL, Redis, MongoDB
Tools and Technologies	Git, Docker, Visual Studio, Aws, Mixpanel

INDUSTRY EXPERIENCE

Software Engineer   Nov 2021 - Dec 2023
MutualArt   *Israel*

Worked as a software developer with multitude of technologies. Some of the things I worked on include

- **Private Sales System:** Led the development of the private sales system, used for collaboration between auction houses, MutualArt, and users for the private sales of artworks. Technologies: Vuetify, .Net 6 and SQL Server, GraphQL, AWS, Mixpanel.
- **Marketing System:** Developed a targeted email marketing system, facilitating large-scale campaigns during peak shopping periods like Black Friday and Cyber Monday. Designed and implemented the system along with email tracking and mail templating.
- **Artwork Recommendation:** Revitalized an existing artwork recommendation tool, upgrading the system from Python 2 to Python 3.
- **Named Entity Recognition:** Worked on a Proof of Concept (POC) of Named Entity Recognition system for auto moderation of web scraped data in Python using Spacy.

Software Engineer   April 2021 - Jan 2022
Dolphin Dive Technology   *Kathmandu, Nepal*

Worked for PensionPro to migrate WPF appplication to web application.

- Contributed to the migration of a legacy desktop application to a modern web application. Technologies: Angular 8 and .NET Core API.
- Engaged in full-stack development, creating and optimizing frontend components, backend endpoints, SQL stored procedures and views.

EDUCATION

MS in Computer Science, Clemson University, South Carolina   2024 spring - Present
Research Assistant - Hydrosystem and Hydroinformatics research group

Bachelor of Computer Engineering, Pulchowk Campus, IOE, Tribhuvan University   2017 - 2021
Relevant Courses: Programming in C/C++, Data Structures, Operating Systems

PROJECTS

Tracking and recognizing people across multiple video cameras. Trained a light weight EfficientNet model on Market 1501 dataset to identify people across multiple cameras. Made use of Kalman Filter for tracking people. Technologies Used: Python3, Tensorflow 2.x, YOLOv4, EfficientNet

Minesweeper-AI. An AI that plays the minesweeper game using Constraint Satisfaction Problem(CSP). Built using Python3. Demo - Youtube).