KRISHNA PRASAD PANTHI

krishnapd133@gmail.com ⋄ linkedin.com/in/krishnapanthi ⋄ github.com/sirkpp

OBJECTIVE

Software developer with 3 years of experience.

SKILLS

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

INDUSTRY EXPERIENCE

Software Engineer(Remote)   Nov 2021 - Present
MutualArt   *Israel*

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

- **Private Sales System:** Led the development of the private sales system, enhancing collaboration between auction houses, MutualArt, and individual users. Utilized Vuetify, .Net 6 and SQL Server, ensuring robust and seamless user interactions. Implemented AWS SES for email communications and S3 for image storage. Implemented email tracking and stuffs.

- **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 from scratch, integrating with Mixpanel and email performance tracking. Created template creating system, mail sending system with SES and email tracking.

- **Artwork Recommendation:** Revitalized an existing artwork recommendation tool, upgrading the system from Python 2 to Python 3 and adding a user-friendly frontend to display AI algorithm results.

- **Named Entity Recognition:** Currently developing a Proof of Concept (POC) in Python using Spacy for data categorization, aiming to enhance data accuracy obtained via web scraping.

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

Worked for PensionPro as part of offshore team 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

Bachelor of Computer Engineering, Pulchowk Campus, IOE, Tribhuvan University   2016 - 2021
Relevant Courses: Programming in C/C++, Data Structures and Algorithms, Operating Systems, DBMS, Computer Networks, Distributed Systems, Software Engineering.

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).