

# Ritika Sharma

## Software Development Engineer

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### Summary

A Software Developer with 3.8 years of technical experience in Python and Mainframe. Led a startup as CTO and co-founder. Recognized as a creative thinker with strong analytical skills. Equipped with excellent communication skills and business intelligence. An excellent team player and possessing leadership qualities, strong logical ability, problem-solving, and finding business solutions through innovative technologies.

### Education

MSc Computer Science – Intelligent Systems | Aug 2022 | **Trinity College Dublin**

B.Tech Computer Science and Engineering | May 2017 | **Mody Institute of Science and Technology**

### Work Experience

#### **Senior Software Developer | INFOSYS | OCTOBER 2017 – June 2021**

- Worked as Senior Developer in an Agile team and built innovative large-scale fault-tolerant applications for Northwestern Mutual Insurance Company involving Mainframe DB2
- Collaborated with cross-functional teams like maintenance, administration, and finance team to ensure end to end execution of deliverables to the client
- Reduced time required and the application vulnerability to human errors by 40% by writing scripts of quarterly and yearly payment tasks using SAS and PL/I and automating JCL jobs
- Performed data analysis and manipulation by writing modules in PL/I and DB2 and running scheduled JCL
- Led a team of 3 junior engineers and facilitated knowledge transfer sessions for them
- Prepared Visual Demonstrations & Technical Dossiers to explain system functionality to the client

#### **Paws And Play | August 2018 – December 2019**

- Co-founded tech-based community-driven pet startup to provide an intuitive and user-friendly app to assist and ease the journey of pet-parenting, from adoption to grooming to medical care.
- Designed low fidelity wireframes and prepared a roadmap for the development of the product
- Conducted market research amongst the pet owners in Bangalore, India to understand the gap in the market
- Performed app designing and deployment by following a Python framework, MySQL, and AWS.
- Supervised the engineering and UI/UX team to provide a smooth functioning and enhanced user experience.
- Collaborated closely with the Operations team to streamline the user flow and understand market requirements.

### Rewards and Appreciations

- Recognized as the Top Performer by the client and appreciated for Dedication & Commitment to the project
- Appreciated by Client, from a team of 7 for Ideas proposed in brainstorming for Innovation & Planning

## Certifications

MTA-Introduction to Programming Using Python | MICROSOFT | 2019

Infosys Global Agile Development Certification | Infosys | 2019

## Skills and Interests

### Technical Skills

Python, SAS, C++, C, REST-API, Django, SQL, OOP

### Languages

English (fluent), Hindi (native)

### Relevant Coursework

Advanced Software Engineering, Research and Innovation Methods, Machine Learning, Data Analytics, Adaptive Applications