PAYAL SINGH

Data Scientist, Software Development Engineer

PROFILE

Proven professional with great analytical & problem solving skills with experience in R&D domain, great team player with excellent leadership qualities, have strong interpersonal skills.

HOBBIES

Travelling,
Shooting: National level point rifle shooting competition. Won medals at national and state level competitions.
Trekking: Trekking in Shivalik range of Himalayas

SKILLS

- ➢ **Programming language: Python 3.8**
- ➢ **IDE: PyCharm, IDLE**
- ➢ **Front-end Technologies: html & css**
- ➢ **Server-side Technologies: Django**
- ➢ **Data Science : ML, AI**
- ➢ **Object Oriented Programing**
- ➢ **ORM, CRUD operations**
- ➢ **Debugging techniques**
- ➢ **Exceptions handling**
- ➢ **Dictionaries, List**
- ➢ **MySQL**

EDUCATION

- ➢ ***Data Analytics/Data Science course covering Python, Machine Learning and Artificial Intelligence.***
- ➢ Research at Indian Institute of Science, Bangalore.
- ➢ Ph.D. Biotechnology, University of Rajasthan, Jaipur
- ➢ M.Sc. Biotechnology from Rajasthan University, Jaipur
- ➢ B.Sc. Bioscience from Bikaner University
- ➢ Schooling is from Scindia Kanya Vidyalaya, Gwalior

WORK EXPERIENCE

- ➢ ***Project on Company Expense Management in Python & Django, based on MVT design including CRUD operations.***
- ➢ Worked with Palle Technologies, done multiple Projects based on different client requirements using Python ,Django, MySQL.
- ➢ Post-doctoral research in Indian Council of Agricultural Research- National Institute of Animal Nutrition and Physiology.
- ➢ Research at Indian Institute of Science, Bangalore.
- ➢ Project at central drug research institute, Lucknow.

ACHIEVMENTS

- ➢ Designed and implemented ***Projects in Python & Django.***
- ➢ Research findings from the project has been utilized to ***build an online manual that is used by farmers and industries*** as a primary tool for improving livestock productivity in different states of India.