



Hyderabad, India



+91 7906911098



Pikushi1610@gmail.com



linkedin.com/in/preeti-kashyap-16101997

AMCAT (August 2021)

Id: 360000132970471

English Comprehension

Percentile - 99

Quantitative Ability

Percentile - 99

Logical Ability

Percentile - 98

Automata Fix

Percentile - 70

Computer Science

Percentile - 99

Skills

Data Analysis | Python | DRF |
OOPs | R programming | HTML
| Linux | Team building | Data
Management | MS Office |
Computer Skills | Teamwork

Languages

English Professional proficiency

Hindi Professional Proficiency

Preeti Kashyap

Data Analyst, Python Programmer, Bioinformatician, Django RestFramework

Highly focused and Self-motivated hardworking candidate in the field of development and analytics seeking an opportunity to work in a challenging environment to prove my coding skills and utilize my knowledge of various databases with history of meeting company goals utilizing consistent and organized practices.

Experience

1. Software Engineer

Gritsa Technologies

09/2021 - 11/2021

Noida, India

Skills:

- Django Rest Framework

Project:

- For the project, Item tracking by QR codes developed required APIs (Login API, Update API, etc.) for it.

2. Data Science Trainee

Pentagram Research Centre, Pvt. Ltd.

01/2021 - 07/2021

Hyderabad, India

Projects:

- Formal Language Theoretical Study of Genome Sequences using Python and Data algorithms.
- Classification of Genome Sequences Based on Golden Ratio and Percentage Concentration of Nucleotides using Mathematical algorithms
- Linear Prediction of Non-Overlapping and Overlapping Codons in Brucella Suis 1330 Genome
- Study of Certain Corona Family Related Viruses Based on Percentage Nucleotide Concentration and Golden Ratios and a Novel Sonic Attack Technique to Deactivate all Mutating Viruses

Management:

- Led projects and analyzed data to identify opportunities for improvement
- Compiled, cleaned and manipulated data for proper handling.
- Tested and validated models for accuracy of predictions in outcomes of interest.
- Ran statistical analyses within software to process large datasets.
- Worked to maintain outstanding attendance record, consistently arriving to work ready to start immediately.
- Created plans and communicated deadlines to ensure projects were completed on time.
- Participated in team-building activities to enhance working relationships.
- Developed team communications and information for meetings.

Personal Projects

- Homology Modelling (07/2020-09/2020)
- Molecular Docking (02/2020-03/2020)
- NGS Analysis (02/2021-03/2021)

Accomplishments

- Gold Medalist in M.Sc. Bioinformatics (2019-2021)
- Gold Medalist in B.Sc. Biotechnology (2016-2019)
- Head of Department - BioScience (2017 - 2019)
- 1st prize in Working Model Competition (2017)
- Best Student of the Batch award (2016 - 2019)
- Miss Farewell in Bachelors of Science (2019)

Interests

Travelling, Painting, Listening Songs, Singing, Dancing, Internet Surfing, Hang out with friends, Being a sloth

References

Dr. Shashank Rana

Professor

CCS University, Meerut

Department of Microbiology

Mob: +91 9286500942

shashank.bioinfo@gmail.com

- Developed and maintained courteous and effective working relationships.

Education

- **M.Sc. Bioinformatics, CCS University**
07/2019 - present
- **B.Sc. Biotechnology, CAEHS, CCS University**
07/2016 - 06/2019
- **Intermediate, IIMT Academy**
04/2014 - 06/2015
- **Matriculation, IIMT Academy**
04/2012 - 06/2013

1st position holder with 82.4%

1st position holder with 75%

Science – 84%

CGPA – 7.4

Publications

- **Bioinformatics Practical Manual** Ebook [ISBN: 9788194602668] written by Preeti Kashyap under the guidance of Dr. Shashank Rana and Dr. Vartika Singh along with my colleagues Bhavya Sharma and Shilpi Tiwari. Read this book using Google Play Books app on your PC, android, iOS devices. Download for offline reading.
- **Research Paper** “In silico Finding of Three-Dimensional Structure of At5g01610 Arabidopsis thaliana by Homology Modelling” by Preeti Kashyap¹, Shashank Rana¹, Nikunaj Bhardwaj², Devendra Kumar Tyagi³ has been published in the Edited book entitled “Current Researches in Environment and BioSciences” [ISBN 978-81-952377-3-9] by Dhani Publishing House, Haridwar.
- **Research Paper** “Study of Certain Corona Family Related Viruses Based on Percentage Nucleotide Concentration and Golden Ratios and a Novel Sonic Attack Technique to Deactivate all Mutating Viruses” by Preeti Kashyap under the guidance of mentor Dr. EG Rajan, Pentagram Research Centre, Pvt. Ltd., Hyderabad, Telangana, India- 500032.

Trainings & Certifications

- 3-month training course in Bioinformatics tools: Structural and Genomics (03/2021-06/2021)
- Certified in Machine Learning training course (05/2020-07/2020)
- Certified in Artificial Intelligence training course (06/2020-07/2020)
- Certified Business Analyst, Software Development trainee, Business Consultant, Data Processing Specialist, Comprehension and Proficiency in English, recognized by AMCAT
- Certified in Basics to R Programming (06/2021-07/2021)
- Certification of Molecular Modelling, Docking & its analysis (03/2021-04/2021)

Featured

- An article “Why does Coronavirus mutate? When will Coronavirus end?” written by Preeti Kashyap and featured onto the blog “Half of the” (12/07/2021) - <https://www.halfofthe.com/health/why-does-coronavirus-change-when-will-coronavirus-end/>
- An article “Covid 19 paves a future for Online Schools” written by Preeti Kashyap as a guest writer and featured onto the blog “Half of the” (15/07/2021) - <https://www.halfofthe.com/health/covid-19-paves-a-future-for-online-schools/>