

**Job Description: Research Scientist - Bioinformatics for In-silico Drug Discovery**

**Sravathi AI Technology Private Limited (Sravathi.ai), Bangalore**

Sravathi.ai, is a biotech company specializing in in-silico drug discovery. It was established by experienced R&D scientists specialized in the areas of Artificial Intelligence & Machine Learning (AI/ ML), Bioinformatics, Molecular Modelling and Chemistry. It is committed to achieve faster and efficient product discovery with differentiated technologies in Specialty Chemicals in addition to special emphasis in pharma products. *We are inviting applications for Research Scientist – Bioinformatics with 2 to 5 years of experience for our in-silico drug discovery programs.*

**Role: Research Scientist - Bioinformatics**

Plan and execute multidisciplinary competency projects in Drug discovery area using various computational techniques such as Molecular Modelling tools, in collaboration with domain and AI/ML teams. Create workflows to accelerate the discovery of drugs, drug intermediates & speciality chemicals. Compile the scientific findings and conclude the outcomes into technical as well as business presentations & reports.

**Required Education and Experience**

1. PhD in Bioinformatics / Computational Biology / Pharmaceutical Sciences or related areas from reputed institutes, with hands-on expertise.
2. An in-silico drug discovery scientist, with at least 2 years and up to 5 years of experience in an industrial R&D set-up.
3. Expertise in usage of relevant molecular modelling software packages and databases.
4. Experience in Python programming and Data Analytics skills are preferred.

**Required Knowledge**

1. Have a strong scientific track-record to discover drug molecules and drug intermediates.

2. Have awareness of the current trends and recent developments in drug discovery.
3. Have knowledge in advanced computational techniques such as Molecular Docking, Molecular Dynamics (including Umbrella Sampling and Free Energy Perturbation approaches), Quantum mechanics (including DFT), QSAR and Data Analytical techniques as well as Designing new molecules.
4. Have knowledge on a broad range of bio-domain disciplines (such as pharmacology, biophysics, enzymology, cell biology, and molecular biology) and their applications to drug discovery.
5. Have the required background scientific (mathematics, physics & chemistry) knowledge.

**Required Skills:**

1. Commitment to research & follow the compliance and safety regulations of the organization.
2. Dedication to work, positive thinking, communication skills (record data, analyse and make presentations) and collaboration skills.
3. Demonstrated success in project execution, problem solving and multi-tasking.
4. Capability to work as a team and achieve a 'learning-teaching' environment.

**Employment:** Full-time on-site

**Location:** Bangalore

**Remuneration:**

Benefits package includes a competitive salary which is reviewed and revised annually to match the merits and credentials of the candidate.

**Interested candidates should email their resume to:**

[rajasha.m@sravathi.ai](mailto:rajasha.m@sravathi.ai) and [rajappan.veptrivel@sravathi.ai](mailto:rajappan.veptrivel@sravathi.ai)