

## **Job Description - Bioinformatician for Drug Discovery**

### **Sravathi AI Technology Private Limited, Bangalore**

Sravathi.ai, an AI company established by experienced Artificial Intelligence & Machine Learning (AI/ ML), Bioinformatics, Molecular Modelling and Chemistry R&D Scientists, is committed to achieve faster and efficient product discovery with differentiated technologies in Pharma and Specialty Chemical businesses. We are inviting applications for Bioinformatician for in-silico drug discovery with 5 to 10 years of experienced professionals.

### **Role: Research Scientist-Bioinformatics**

Plan and execute of multidisciplinary competency projects in Drug discovery area using various computational techniques such as Molecular Modelling tools, in combination 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 from reputed institutes**, with hands-on expertise.
2. **An in-silico drug discovery scientist, with 2 (at least) to 10 years of experience in an industrial R&D set-up.**
3. Expertise in usage of relevant software packages and databases.
4. Experience in Python programming and Data Analytics skills are preferred.

### **Required skills and 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, QSAR and Data Analytical techniques as well as Designing new molecules.
4. Have knowledge on a broad range of bio-domain disciplines (such as bioinformatics, 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 Soft-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, teamwork and multi-tasking.

**Employment:** Full-time

**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:**

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