

**Job Title: Senior Scientist**

**Location:** Bengaluru, Karnataka, India

**Company:** Quantumzyme

**About Us:** Quantumzyme is a leading company in the field of biocatalysis, leveraging cutting-edge technology to provide sustainable and efficient solutions for the chemical, pharmaceutical, and other manufacturing industries. Our mission is to revolutionize the way chemicals are produced, making processes greener and more cost-effective.

**Job Description:**

**Position Overview:** We are seeking a highly experienced and motivated **Senior Scientist** with a PhD in Computational Biology, Computational Chemistry, or Bioinformatics to join our team in Bengaluru. The ideal candidate will have 4 to 12 years of experience and will be responsible for leading a team to achieve project goals and manage both industrial and academic projects successfully.

**Key Responsibilities:**

- Lead and mentor a team to ensure project success.
- Develop and execute creative project plans, proactively troubleshoot experimental issues.
- Apply in-depth knowledge in Molecular Modelling, Docking, Molecular Mechanics, Quantum Mechanics, Molecular Dynamics Simulation, and QM/MM Simulations.
- Understand protein structure, function, dynamics, and engineering.
- Proficient in Fortran, C, C++, Perl, and Python.
- Teach and train team members in relevant scientific and technical areas.
- Write and publish scientific articles in high-impact journals.
- Explain and improve algorithms for better research outcomes.
- Foster a strong team spirit and commitment to team success.
- Work independently with minimal supervision.
- Exhibit excellent interpersonal and communication skills.

**Qualifications:**

- PhD in Computational Biology, Computational Chemistry, or Bioinformatics.
- 4-12 years of relevant experience.

**Additional Skills**

- Experience with Gromacs, CP2K, GAMESS, AutoDock, and Modeller.



**What We Offer:**

- Competitive salary and performance-based incentives.
- Opportunity to work with a dynamic and innovative team.
- Professional development and growth opportunities.
- International travel and exposure to global markets and clients.
- A collaborative and inclusive work environment.

**How to Apply:** Interested candidates are invited to send their resume to [rakshitha.shettar@quantumzyme.com](mailto:rakshitha.shettar@quantumzyme.com)