Sahishnu Pawan Kumar

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Objective

Motivated and detail-oriented individual with a strong foundation in classical mechanics, computational chemistry, and algorithmic problem solving. Seeking opportunities that challenge me intellectually and allow me to grow through curiosity-driven exploration, meaningful collaboration, and creative problem-solving.

Education

B.Tech in Computer Science + M.Sc in Computational Natural Sciences

IIIT Hyderabad, July 2024 – Present

Relevant Coursework: Classical Mechanics, Linear Algebra, Quantum Chemistry,

Technical Skills

• Programming Languages: C, Python, Swift

• Conceptual Areas: Lagrangian & Hamiltonian Mechanics, Graph Algorithms, Solid-State Chemistry, Molecular Orbital Theory

• Tools & Software: Visual Studio Code, LaTeX, Git

Research Interests

• The interplay between mathematical structure and physical reality

• Canonical transformations and symmetries in classical mechanics

• Quantum mechanical foundations of molecular behavior

• Creative writing in speculative cosmology and narrative design

Selected Achievements

• Diagnosed as the first medically confirmed case of elemental phosphorus allergy, balancing personal health with professional resilience in a high-risk industrial setting.

• Created an original narrative universe exploring philosophical themes through cosmic characters such as Derek the Bee and Garga the Mawling.

• Demonstrated deep interdisciplinary curiosity, blending scientific understanding with creative expression.

Extracurricular Activities

• Philosophical Storytelling & World-Building – Created detailed mythologies exploring identity, language, and cosmic power.

• Mentorship – Peer-supported classmates in understanding classical mechanics and linear algebra through intuitive explanations.

• Football Analytics – Explored the metaphysical forces influencing South American football narratives via Elias Vega.

References

Available upon request.