



SUJITH MP

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Professional Summary

Detail-oriented and curious Biotech graduate transitioning into data science. Experienced in bioinformatics research, data visualization, lab techniques, and genome annotation. Enthusiastic about combining biology and data analytics to uncover insights. Known for adaptability, communication skills, and collaborative work.

Skills

- **Data Analytics** — R, Python, Excel, data visualization
- **Lab Techniques** — PCR, RT-PCR, SDS PAGE, DNA isolation
- **Research Tools** — Genome annotation, nanoparticle synthesis
- **Soft Skills** — Problem solving, adaptability, analytical thinking

Research Experience

Project Intern, Bharath University — Chennai, India

06/2023 – 07/2023

- Worked on green synthesis of nanoparticles using plant extracts
- Applied cell culture techniques and conducted biological assays
- Gained experience in nanoparticle synthesis, lab instrumentation, and project coordination

Personal Projects

Exploring G4 in Mitochondrial Genomes and their Correlation with Lifespan

12/2023 – 05/2024

- Analyzed genomic datasets using bioinformatics tools and interpreted biological data
- Utilized R and Excel to visualize gene expression patterns
- Applied BLAST and alignment software for sequence comparison

Isolation of Pectin-producing Bacteria from Soil Sample

06/2021 – 12/2021

- Performed DNA isolation, PCR, gel electrophoresis, and sequencing
- Identified potential pectinase-producing bacterial strains

Certifications

- Python Specialization – Coursera
- Excel Fundamentals – DataCamp
- Introduction to Statistics – Coursera

Education

M.Sc. Biotechnology, Manonmaniam Sundaranar University — Tirunelveli, India

05/2022 – 05/2024

B.Sc. Biotechnology, Rathinam College of Arts and Science — Coimbatore, India

06/2019 – 05/2022

Languages

- Tamil — Native or Bilingual Proficiency
- English — Full Professional Proficiency
- Malayalam — Limited Working Proficiency