

Paul Prince



paulkp1208@gmail.com

8547731068

Thrissur , Kerala, India

linkedin.com/in/paul-prince-708a8b284

SUMMARY

I am a biotechnology engineering graduate with a strong foundation in **molecular biology, microbiology, and bioprocess applications**. Completed internships at **Vetagenomics** and **Biozeen**, gaining exposure to **molecular diagnostics, animal cell culture, and biopharma manufacturing practices**. Currently enhancing skills through a Data Science program (Python, AI/ML, Power BI) to complement scientific expertise with analytical and problem-solving capabilities. Motivated, adaptable, and eager to apply both technical and analytical skills in biotechnology and life sciences.

SKILLS

Analytical Techniques

Microbiology and Molecular Biology

Software skills

Microsoft Excel & Data Analysis

Technical Writing (LaTeX)

Team Work

Good Clinical Practice (GCP)&
Good Manufacturing Practices(GMPs)

AWARDS

Best Micro project, College level

EDUCATION

- **Btech Biotechnology with minor in biomedical engineering, APJ Abdul Kalam University**

2021 – 2025 | Thrissur, India

CGPA - 7.1

- **Senior Secondary Education, Holy Grace Academy CBSE**

2019 – 2021 | Mala

Marks obtained - 85%

- **High School Education, Holy Grace Academy CBSE**

2019 | Mala

Marks obtained - 94%

WORKSHOPS

Python basis

Basics in Python programming, with a strong understanding of its core concepts including data types, control structures, functions, and libraries, enabling the development of efficient and scalable applications

LANGUAGES

English , Malayalam

PROJECTS

Paper Dip test for E.coli detection

2023

Detection of E.coli by formation of colour in the prepared dip paper

Production of phb (bioplastic) from soil

2023

Production of phb (bioplastic) from clay soil microbes

BioFil : an air purifier

2024 – 2025

This project, titled "BIOFIL - An Air Purifier," aims to develop a biodegradable, eco-friendly air filter integrating activated charcoal, UV light, and electrospun polyvinyl alcohol (PVA) nanofiber.

COURSES

Biomechanics of Joints and Orthopaedic Implants, IIT Kharagpur

2023 | India

Biointerface Engineering, IIT Guwahati

2024 | India

PROFESSIONAL EXPERIENCE

Vetagenomics, Intern

May 2023 | Thrissur, India

Analytical Techniques in Molecular Biology

Learned methods used to characterize, isolate, and manipulate molecular components such as DNA, RNA, and proteins.

Biozeen, Intern

June 2024 | Bangalore, India

Animal Cell Culturing

This method has evolved significantly, utilizing both primary cell cultures and established cell lines, and is essential for producing complex proteins and biopharmaceuticals.