

RESUME

SUMMARY

- Holding a Master's degree in Microbiology and a PG Diploma in Bioinformatics and Big Data Analysis, and recently completed a Data Science Certification from EdYoda Digital University in January 2023.
- Proven track record of successfully completing various projects such as drug discovery for COVID-19 using phytochemicals and building food cart menus for restaurants using Python, bioinformatics, and data analysis.
- Skilled in combining my knowledge in microbiology, bioinformatics, and data science to bring valuable insights and solutions in the field.
- Currently seeking new opportunities to utilize my skills, knowledge and experience in data science, data analysis and bioinformatics to drive business outcomes and improve decision-making in a company or organization.

SKILLS

Programming Languages	Python 3, R, HTML
Packages	Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn, Streamlit.
Machine Learning	Regression, Classification
GUI	Tkinter, Django, Streamlit, Dash
Data Visualization	Power BI, Excel, Matplotlib, Seaborn
Databases	MySQL
Soft Skills	Problem Solving, Analytical Thinking, Communication, Teamwork, Presentation
Certification	Certified Data Scientist (CDS)
Bioinformatics	Databases, Pipelines, Transcriptomic analysis, Python and R
Bioinformatics Tools	OpenBabel, Autodock, Blast, ADMET, Bioconductor, Bio python, MaxQuant
Frameworks	Django
System	Windows, Linux
Others	Web development, Git, Microsoft office, Shell Scripting

EXPERIENCE

- **[College Finder]** Internship in Data Science with Python and R Programming **[May 2022 – Jul 2022 · 2 months]**
 - Worked on projects involving data cleaning, preprocessing, visualization, and analysis.
 - Gained experience in working with Python and R.
 - Developed multiple projects including predictive models and data visualization tools.
- **[SmartAnt Technologies]** Internship in Python and Artificial Intelligence **[Jan 2022 - Mar 2022 · 3 months]**
 - Worked on projects using machine learning and deep learning techniques to solve real-world problems.
 - Gained experience in working with Python libraries such as TensorFlow and scikit-learn.
 - Learned about the latest trends and technologies in AI and machine learning.
- **[Siddaganga Institute of Technology, Tumakuru, Karnataka]** Semester 2nd Internship **[April 2020 – Sep 2020]**
 - Completed an Industrial Training Project analyzing Microarray data of corneal Endothelium of patients with Fuchs' Dystrophy using R Bioconductor and MaxQuant software.
 - Gained experience in data analysis and proteomics using R and MaxQuant software.
 - Developed expertise in data analysis techniques, including Microarray and proteomics.
 - Worked under the guidance of Dr. Manjunath Dammali, an expert in the field of data analysis and proteomics.
- **[Mylan Laboratories Limited, Hosur, Tamil Nadu]** Quality Control Microbiologist **[2017 to 2019: 2year 2months]**
 - Conducted microbial analysis on raw materials and Water Samples to ensure compliance with GMP regulations.
 - Performed environmental monitoring of cleanrooms and laboratory spaces.
 - Maintained quality control procedures, including sterilization and sanitation protocols.
 - Maintained accurate and detailed records of test results and analysis.
 - Participated in internal and external audits, ensuring compliance with industry standards.

Mobile	+91-9945-291031
Website	https://shrihith-a.github.io/
LinkedIn	http://www.linkedin.com/in/shrihith-a

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By
SHRIHITH A

Email	Primary	shrihith93@gmail.com
	Business	ashrihith93@gmail.com
	GitHub	https://github.com/Shrihith-a

RESUME**EDUCATION**

EdYoda Digital University, India Data Scientist Program Certified Data Scientist	March 2022 – January 2023 Python Certification Test Cleared with 88.5% Data Science Certification 75%
Siddaganga Institute of Technology, Tumakuru(BISEP-3). PG Diploma Bioinformatics and Big Data Analysis	2019 – 2020 CGPA – 8.91
Bangalore University – Jnana Bharati Campus, Bengaluru MSc Microbiology	2015 – 2017 CGPA – 7.52
Government Science College, Bengaluru. BSc Biochemistry, Botany, Microbiology	2011 – 2014 FIRST – 65%

RESEARCH AND PROJECTS

- **EdYoda Digital University in 2022-2023 :**
 - Developed a **food ordering app** using Python and command line interface as a final project.
 - Created a **quiz making application** using Tkinter GUI.
- **College Finder Data Science with Python and R Programming Internship Program in 05-2022-07-2022:**
 - **Worked on projects** including a Music Preference Predictor, Credit Defaulters Prediction, Covid Statistics Tracker, Student Portfolio, Rock Paper Scissors game, Multiplication Tables, Real Calculator, News App with Tkinter, Bulk File Renamer, Real-world Financial Data Analysis, Simple Calculator with R, and Car Price Predictor.
- **SmartAnt Technologies Python and Artificial Intelligence Internship in Jan 2022-March 2022**
 - **Worked on projects** including a personal portfolio website, Turtle Race game, and Squid game using Django Framework and Python Turtle module.
- **Experteze Research Team in 2020-2021**
 - An **Insilco pharmacokinetic study** to evaluate the antiviral potential of Phyto ligands against SARS-CoV-2 receptors.
- **BISEP-3 in April 2021-September 2021 :**
 - **Microarray data analysis of corneal endothelium in patients with Fuchs Dystrophy and analysis of proteomics** using MaxQuant software.
 - A project on **de novo transcriptome assembly, annotation, and identification of toxic causing genes in Xanthium strumarium seedlings** as a part of BISEP-3 in 2019-2020
- **Department of Microbiology & Biotechnology, Bangalore University in 2016-2017**
 - A Master's thesis on the **Phyto-fabrication of zinc oxide nanoparticles and their microbicidal potential** at the Molecular Diagnostic Laboratory.
- For more projects checkout my GitHub or Website

PUBLICATIONS

- "An in silico pharmacokinetic approach to decipher the antiviral potential of phytoligands against SARS-CoV-2 receptors", **Experteze Journal of Research**.
- "Computational approach for the evaluation of bioactive compounds from ethnobotanicals for their pharmacological potential and biological activity", **World Journal of Pharmacy and Pharmaceutical Sciences**.

ACHIEVEMENTS

- **LSSSDC QUALIFICATION: 2020**
 - Research Associate-Product Development/Synthesis/Medicinal Chemistry (QP No. – LFS/Q0505) Conforming to National skill Qualifications Framework Level-5
- **RESEARCH MEMBERSHIP: 2020**
 - Expertise Research Team Member for work on "An Insilco pharmacokinetic approach to decipher the antiviral potential of Phyto ligands against SARS-CoV-2 receptors".
- **NCC ARMY WING 2KAR BN : 2011-2013**
 - Secured B-Certificate and C-Certificate from 2KAR BN NCC

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RESUME**SPECIALIZATION**

- "Completed 'From Data to Insights with Google Cloud' specialization from Coursera, covering topics such as data analysis, data visualization, and machine learning using Google Cloud tools and platforms."

ADDITIONAL CERTIFICATIONS

<ul style="list-style-type: none"> Python Certification Data Scientist Certification 	EdYoda Digital University
<ul style="list-style-type: none"> Advance python programming Artificial intelligence Advance Course Master Program on Python 	FourSteps training solutions private limited Chennai, India
<ul style="list-style-type: none"> Exploring and Preparing your Data with BigQuery Creating New BigQuery Datasets and Visualizing Insights Achieving Advanced Insights with BigQuery Applying Machine Learning to your Data with Google Cloud 	Coursera, Google Cloud
<ul style="list-style-type: none"> Data Insights challenge on Provide Insights to Revenue Team in Hospitality 	Code basics
<ul style="list-style-type: none"> Data Visualization using PowerBI 	Great Learning Academy
<ul style="list-style-type: none"> Business Analytics with Excel 	Simplilearn
<ul style="list-style-type: none"> Bioinformatics Data science and machine Learning International Bioinformatics Workshop on Genome Informatics 	Decode Life
<ul style="list-style-type: none"> Python Basics for Data Science Bootcamp Data Visualization with Matplotlib Bootcamp Introduction to Pandas Bootcamp Introduction to NumPy Bootcamp 	DPhi
<ul style="list-style-type: none"> Learning Python (2020) 	LinkedIn
<ul style="list-style-type: none"> Bioinformatics and Tool Master 	Biotechnika

PERSONAL DETAILS

Name	Shrihith Anantharam
Natural Languages	Native Kannaḍa, Bilingual Hindi, English Medium, Elementary Telugu
Location	Chandapura, Bengaluru
DOB	01-AUG-1993

DECLARATION

"I certify that the information provided in this resume is accurate and true to the best of my knowledge."

Place: Bangalore

Yours Faithfully

(SHRIHITH.A)

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