HRITHICK SUNDAR

Software Engineering | Full Stack Development | Web Application Development | Data Science

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I'm an aspiring **Software Engineering fresher,** motivated and detail-driven and am equipped with strong computing skills, a keen eye for data analytics, and a relentless commitment to excellence.
I'm equipped with leveraging practical **statistical methodologies** and **software development skills**.

I'm currently looking for exciting opportunities on **Software Engineering** as well as **Data Science.**

EDUCATION

	Education	Institute	Year	GPA
1	Master of Computer Applications	*Madurai Kamaraj University.*	2022 – 2024	8.8 GPA
2	BSc in Data Science and Programming (Online BS Degree Program)	*Indian Institute of Technology Madras.*	2020 – 2023	7.2 GPA
3	BSc in Psychology	*The American College.*	2019 – 2022	8.6 GPA
4	Higher Secondary Education	*CEOA Matriculation Higher Secondary School*	2018 – 2019	9.2 GPA
5	SSLC	*CEOA Matriculation School*	2016 – 2017	9.8 GPA

PROJECTS EXPERIENCE

Though being a fresher, I'd like to address myself experienced, through projects.

Project	Brief	Technologies	Highlights
Flashcard Application	An education tool that is used to learn association between words	• *Flask* • *RESTful API* • *SQLite* • *HTML-CSS*	• Designed front-end views using **CSS, HTML and Bootstrap** • Backend Coded by **Flask and SQL framework** having 2KLOC.
Hrithify Local music manager	Customised mp3 manager that can be used to create and listen to playlists on the go	• *PHP* • *MySQL* • *Apache* • *Bootstrap* • *HTLM-CSS*	• Coded using **PHP and MySQL** for backend processing and playing of media • Frontend developed using **HTML, Styling, Bootstrap.**
E-commerce Shopper's behaviour	**Machine learning** model for **Prediction of E-commerce data** that decides the potential business based on visitor's behavioural pattern analysis	• *Sci-kit learn* • *NumPy* • *Pandas* • *Matplotlib* • *Algorithms* • *Seaborn* • *SciPy*	• Built **Prediction model** that evaluates the features to predict the **user's shopping behaviour** with an accuracy of 79 percent • Data Preprocessing, Hyper-parameter tuning and Data Visualisation are implemented
Query Resolver	Community focussed query resolution platform that is customised for various roles such as student, staff and admin to handle queries.	• *Python - Flask* • *RESTful API* • *HTML-CSS* • *SQLite*	• Implemented Software engineering concepts like **scrum, iterative testing**. • Rapid Application development using **Agile Methodology.**
Students Relationship Manager	Developed a fully automatic SRM portal for students and HR Admin at *Nextskills Academy* as a **Freelancer**	• *ReactJs* • *SQLite3* • *Python-Flask* • *Tailwind CSS*	• Attendance, Fee Deadline and Profile management for students on **ReactJs** • Multiple user roles as student, staff and admin and chat portal

SKILLSET

- **Web application development:** Well-versed in app development with experience through projects using technologies as *Python Flask, RESTFUL APIs, SQLite* and *React JS.*
- **Full Stack Software design and development:** *Agile development techniques* with knowledge on respective tools and concepts such as **ENV Models, HMW questions** and **User-focussed problem solving.**
- **Python Programming:** processing and handling raw data using libraries as *numpy, matplot, pandas.*
- **Software Engineering Concepts**: Knowledge on various software engineering models and logics
- **Machine Learning:** Hands on experience with **Machine Learning algorithms** and **Deep learning concepts.**
- **Data Science:** Data Manipulation and handling concepts such as *Web Scraping, Data Insights, Data modelling*

CERTIFICATIONS

- Python (Core and Advanced) *– Elysium Technologies – 2020*
- Diploma in Data Science *– IIT Madras – 2022*
- Diploma in Programming *– IIT Madras – 2022*
- Machine Learning (Core) *– Elysium Technologies – 2020*
- Statistics and R Tool *– IAI – 2021*
- AWS *– RUSA, MKU – 2022*
- Microsoft Office suite *– Elysium Technologies – 2020*
- Soft skills (Professional Etiquette and Communication) *– TCS ION – 2019*

AWARDS and ACHIEVEMENTS

- Finished among **top 50** in the classification **Kaggle Competition** that gave hands on experience on various binary classification machine learning models. - *2022*
- Bagged the prize for a paper, presented on the topic, **"Machine Learning in Game development",** **DATAVAGANZA,** *The American College, - 2023*
- Winner of **Creativity and Personality Assessment Competition, "CHARISMA"** in a **National intercollegiate event***, Bangalore,* that showcased my Creative and quick problem-solving skills in action.
- Served as the **Secretary** of student-faculty association, **CONSCIENTIA 2K19-22** and organised various intercollegiate and intradepartmental events that were a great success adding to my organisation skills.

PERSONAL PROFILE

Name: Hrithick Sundar
Father's name: Jayakumar S
D.O.B: 01/01/2002
Nationality: Indian
Address:
10, Lajapathi Roy Road,
Chinnachokikulam, Madurai,
Tamil Nadu – 625002.
Languages Known: Tamil, English, Hindi
Hobbies: Piano, Gaming, Badminton, Swimming and Reading

I hereby certify that all the information provided above is true to the best of my Knowledge.

Hrithick Sundar J