

Shenbagam T

Python Full stack Developer

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[🔗](#) Portfolio

SUMMARY

Passionate Full Stack Developer with a strong foundation in Python and hands-on experience in both front-end and back-end development. Proficient in technologies such as HTML, CSS, JavaScript, React.js, Python, and SQL, I specialize in building functional, user-centered web applications. I thrive at the intersection of design and logic, creating responsive, scalable solutions with clean, maintainable code. Motivated by real-world challenges, I'm always eager to learn, grow, and turn innovative ideas into practical digital products.

WORK EXPERIENCE

Python Developer, Morulaa Health Tech Pvt Ltd 02/2024 – Present

- Developed Python scripts to extract, clean, and preprocess structured and unstructured datasets.
- Performed data analysis using Pandas and NumPy to generate insights and identify trends.
- Automated routine data processing and reporting tasks, improving efficiency and reducing manual effort.
- Created visualizations using Matplotlib and Seaborn to present findings in a clear, understandable format.
- Maintained documentation of scripts, workflows, and data processes for future reference and team collaboration.

EDUCATION

Bachelor of Science - Mathematics; GPA: 7.60, <i>Government Arts and Science College</i>	06/2020 – 05/2023 Kadayanallur, Tenkasi
Higher Secondary, HNUC Hr Sec School	06/2018 – 04/2020 Puliyangudi, Tenkasi
SSLC, Success Matric Hr Sec School	06/2017 – 04/2018 Kadayanallur, Tenkasi

SKILLS SUMMARY

Language Python, JavaScript, SQL, HTML, CSS	Frameworks React.js, NumPy, Pandas
Tools Git, GitHub, MySQL, Google Sheet	Platforms Visual Studio Code, PyCharm
Soft Skills People Management, Report Building	

PROJECTS

Movie Browsing Web Application – React & TMDB API, [Link](#)

Developed a responsive movie browsing web application using React and integrated it with The Movie Database (TMDB) API to fetch and display real-time movie data. The app allows users to explore movies by categories such as Popular, Top Rated, and Now Playing, and view detailed information for each movie including posters, ratings, and release dates. Implemented smooth navigation using React Router, along with a clean and user-friendly interface.

Responsive Website Development using React.js, [Link](#)

Developed a responsive and dynamic website for an IT training institute using React.js, featuring key sections such as About, Programs, Gallery, Testimonials, and a Contact Form. Ensured user-friendly navigation and full mobile responsiveness. Utilized HTML, CSS, and JavaScript alongside React components to deliver a clean, modular structure. The website showcases institute offerings, builds credibility through testimonials, and enhances user engagement with interactive elements.

Data Analysis and Visualization of Video Game Sales using Pandas and Numpy, [Link](#)

I developed a comprehensive data analysis and visualization project focused on video game sales data. The project involved extensive data cleaning tasks, including removing duplicates, handling missing values, standardizing categorical data, and renaming columns. Additionally, the analysis incorporated statistical operations to handle outliers and generate key insights. The project culminated in the creation of various visualizations, such as bar charts, box plots, and pie charts, to depict sales distributions across different regions, platforms, and genres. Tools used include Python, Pandas, NumPy, Matplotlib, and Seaborn.

CERTIFICATIONS

- Programming in Python (Livewire)
- Python Full Stack Development (Besant)