

SHIVA BHARATHI M

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OBJECTIVE

A curious mind with a passion for teaching complex topics. Equipped with skills in Python, SQL, Excel, Power BI, and Machine Learning, I thrive on building models and dashboards that bring insights to life. Known for intuitive, out-of-the-box thinking and the ability to quickly grasp new concepts, I adapt rapidly to new tools and technologies. I'm equally passionate about sharing knowledge—able to explain complex ideas with clarity and enthusiasm to help others grow alongside me. Always eager to solve real-world problems and make a meaningful impact through data.

EDUCATION

GOVERNMENT HIGH SCHOOL, Andankovil East, Karur, Tamil Nadu, India.

SSLC: 2019 - 2020 Percentage: 72%

MUNICIPAL BOYS HIGHER SECONDARY SCHOOL, Karur, Tamil Nadu, India.

HSC: 2021 - 2022 Percentage: 65%

SENGUNTHAR ENGINEERING COLLEGE, Namakkal, Tamil Nadu, India.

Oct 2022 - May 2026

B.Tech Artificial Intelligence & Data Science

CGPA: 6.82 till 5th sem

SKILLS

Technical Skills

Languages : Python, SQL, HTML, CSS, DAX
Frameworks: Numpy, Pandas, Matplotlib, Scikit-learn
Tools : Excel, Power BI
Platforms: Jupyter, Pycharm, VS Code, Colab

Soft Skills

- Effective communication
- Team collaboration
- Adaptability and quick learning
- Time management

EXPERIENCE

AI Freelancing – Artificial Intelligence Teaching & Guidance

Jan 2023 - Present

- Successfully mentored so many people, delivering hands-on training with practical examples
- Enhanced communication, presentation, and time management skills through consistent mentoring.
- Gained experience in handling doubts, explaining concepts clearly, and adapting teaching methods based on learner needs.

PROJECTS

Hyperdimensional Computing

Python

- Built a Spam classifier to test the efficiency of the hyperdimensional computing paradigm
- This project pushed my boundaries of learning and thinking beyond syllabus I have learned a lot about developing AI models from scratch using different unique ideas rather than deploying pre-trained models.

Super Market Analytics

Excel

- Developed dashboards for customer, product, sales analytics with both visually appealing and insightful to even non-technical persons can understand the key analytical insights in that large dataset.

Sales Analytics Dashboard

DAX-Power BI

- Incorporated dynamic charts and real-time data tracking to aid strategic financial planning
- Handled over 18 columns and 10 lakh rows for in-depth analysis using DAX functions

Game Play using Hand Gesture

OpenCV, Python

- Using OpenCV library, I have developed the hand gesture gaming for more interactive and fun way to play the games by replacing keyboard and mouse control
- During my second-year college symposium I have built a gaming area with this idea and people successfully played the games using hand gestures which earned me lots knowledge and fun experience

CERTIFICATIONS

Courses:

- Face Recognition App | **Guvi**
- **Mat-Lab** Certifications

Workshops:

- Conducted a Workshop on Alops with Synapse tech hub Company, Engaged the Students with end to end AI pipeline
- Attended a Workshop on Generative AI

ACHIEVEMENTS

Prize winner:

- PPT | 2nd Prize | **Enhancing System Dynamics with AI**

LANGUAGES

- Tamil
- English
- Japanese(N5)