

Sharon Shaji

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🔗 sharon-1.vercel.app

EDUCATION

Maharishi Dayanand University

Bachelor of Technology in Computer Science Engineering

- Actively pursuing core computer science curriculum with applied project experience.

Rohtak, Haryana

August 2023 – Present

Rabindranath World School

12th Grade (Non-Medical)

Gurgaon, Haryana

April 2020 – March 2021

RELEVANT COURSEWORK

- Data Structures and Algorithms • Object-Oriented Programming • Operating Systems
- Database Management Systems • Computer Networks • Software Engineering • Web Development

DSA PRACTICE PROFILES

- LeetCode: 7AuXuZJgtD CodeChef: major_truce_76

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, TypeScript(basic), HTML/CSS, JSON

Machine Learning & AI: scikit-learn, pandas, NumPy, matplotlib, pickle, OpenCV, Jupyter Notebook

Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm

Technologies & Frameworks: React, Node.js, Flask, FastAPI, REST API, Django, Tailwind CSS, MySQL, PostgreSQL

Cloud & DevOps: Docker, Linux, AWS

Other Skills: Canva, MS Office, Markdown, Command Line Tools, Postman

PROJECTS

LearnChain – Decentralized Learning Platform | *Flask, React, Solidity, PostgreSQL*

April 2025

- * Built a decentralized education platform where educators publish courses and students earn blockchain-verified certificates.
- * Implemented Web3 authentication using MetaMask with role-based access for educators and students.
- * Integrated Solidity smart contracts to manage course ownership, enrollments, and NFT certificate minting.
- * Used IPFS for decentralized course content storage and LRN utility token for platform transactions.
- * Designed responsive frontend with React and managed backend logic and data storage with Flask and PostgreSQL.

SkillLink – Esports Talent Platform | *FastAPI, Python, PostgreSQL, JWT, REST API*

June 2025

- * Built a backend platform connecting esports players with organizations for gigs, endorsements, and skill verifications.
- * Implemented token-based authentication, player/org registration, and secure session management using JWT.
- * Integrated external APIs (Tracker.gg, OpenDota) to verify real-time stats of players for reputation building.
- * Simulated soulbound NFT endorsements to reflect in-game credibility and prevent fraudulent boosting.
- * Designed modular FastAPI architecture with clean route separation, schema validation, and service abstraction.

Verbo – Voice Translation App | *Python, Flask, TTS/STT, Translation APIs*

June 2025 – Present

- * Building a real-time voice translation system using open-source speech, translation, and TTS tools.
- * Integrated DeepSpeech for speech-to-text and LibreTranslate for multilingual translation.
- * Exploring TTS options including Coqui TTS, Piper, and HuggingFace voice models for speech synthesis.
- * Modular Flask backend handles audio input, language selection, and returns translated output; frontend planned in React.

CERTIFICATIONS

Using Project-Based Learning and Design Thinking
Information Technology Fundamentals
Professional Skills
From Learner to Builder – Become an AI Agent Architect
Large Language Model Basics
Mastering the Art of Prompting
Unleashing the Power of AI Agents
Getting Started with Artificial Intelligence
The Rise of Multiagent Systems

HACKATHONS

HackCraft 2.0

Apr 5–6, 2025

Global Institute of Technology & Management, Gurgaon

* Participated in a 24-hour offline hackathon with 150+ participants focused on rapid prototyping and innovation.

Smart India Hackathon (2x Participation)

2024–2025

Govt. of India Initiative

* Participated in two national-level editions — SIH 2024 and SIH 2025 — as part of a team solving real-world problem statements.

HackArena 2025

June 28–29, 2025

Esports Hackathon by Ignite Room

* Participated in a 36-hour esports-themed hackathon focused on gaming, analytics, and community innovation.

LANGUAGES

English: Fluent

Hindi: Fluent

German: Beginner (learning via Duolingo)