

Shiva Maurya

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Information Technology student with a strong foundation in Python and a passion for building AI-powered applications. Eager to leverage skills in Machine Learning, NLP, and Speech Recognition to contribute to a challenging role as a Machine Learning Engineer. Developed a voice-controlled AI assistant inspired by JARVIS.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript

AI / Machine Learning: Natural Language Processing (NLP), Speech Recognition, Scikit-learn, PyTorch (Familiar)

Technologies / Frameworks: Flask, Node.js, Express.js, React.js, MySQL, MongoDB

Developer Tools: Git, Docker, VS Code

EDUCATION

Vasantdada Patil Pratishthan's College of Engineering (VPP)

Bachelor of Engineering in Information Technology

Thakur Vidya Mandir College

Higher Secondary Certificate (HSC) — 83.17%

EXPERIENCE

Front-End Development Intern – IBM Skillsbuild Summer Internship Program with CSRBOX

June 25, 2024 – August 5, 2024

- Successfully completed a rigorous 6-week internship focused on front-end development
- Gained hands-on experience with modern web technologies
- Worked on real-world projects in a collaborative environment
- Built a solid foundation in responsive web design

PROJECTS

Jarvis AI Assistant

- Developed a voice-controlled AI assistant in Python, capable of understanding and responding to user commands for tasks like opening applications and web browsing.
- Implemented core Natural Language Processing (NLP) and Speech Recognition functionalities to process voice inputs and generate relevant actions.
- Tech Used: Python, Speech Recognition libraries (e.g., SpeechRecognition), Text-to-Speech (TTS).

Gym-X Fitness

- Built *GymX*, a responsive fitness web app with 1,000+ categorized exercises, smart search, filtering, and embedded YouTube tutorials.
- Designed with React.js, MUI, and React Router

Chat-App

- Developed *QuickChat*, a real-time chat application using the MERN stack, WebRTC, and Socket.IO.
- Features include one-on-one/group messaging, video/audio calls, AI assistant, and media sharing.

CERTIFICATIONS

The Complete Web Development Bootcamp / Udemy - Angela Yu

- Hands-on experience in full-stack development.
- Python Training Certification - Spoken Tutorial Project, IIT Bombay (April 2, 2024)
- Introduction to Cybersecurity - Cisco Networking Academy (September 11, 2025)