

RANGANATHAN

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OBJECTIVE

Aspiring software developer with a strong foundation in Python, SQL, HTML, CSS, JavaScript, and hands-on experience in building scalable and efficient applications. I seek to leverage my technical skills, problem-solving abilities, and passion for software development in a dynamic environment where I can contribute to impactful projects while continuously expanding my knowledge.

EDUCATION

Master of Computer Application (MCA) ,Anna University 2022-2024
Hindusthan college of Engineering and Technology
CGPA 81.0

Bachelor of Information Technology (Bsc IT),Bharathiyar University 2019-2022
Kongu arts and science college erodes
CGPA 74.6

SKILLS

programming	Python,Java
Web development	Html, CSS, Javascript
Database Management	SQL, MYSQL,
Version Control	Git, GitHub
Software development principles	Object-Oriented Programming (OOP), Debugging, Testing
Soft Skills	Communication, Problem-solving, Team Collaboration, Analytical Thinking

EXPERIENCE

Software Engineering Inten–Qiaben Healthcare PVT (3 months)

- Developed and customized **healthcare software solutions** using **Python, SQL, and API integrations**, ensuring seamless automation and system optimization .
- Managed **database performance tuning, query optimization, and data integrity** to enhance **scalability, security, and efficiency** in healthcare applications
- Implemented **debugging, software testing (unit and functional), and OOP-based enhancements** to improve **system reliability, maintainability, and user experience**

PROJECTS

Audio Privacy Shield - Python

- Developed an **AI-driven speech recognition system** using **Python, Flask, and Deep Learning** to detect and censor sensitive audio content in real time.
- Integrated **Natural Language Processing (NLP), Google Text-to-Speech (gTTS), and SpeechRecognition API** for advanced speech-to-text analysis and automated word filtering
- Optimized **Flask-based API endpoints** for **scalable and secure data processing**, ensuring real-time content moderation while maintaining **data privacy compliance** .

CERIFICATION

- **Python Programming**
Besant technology
- **Microsoft Azure Fundamentals**
Certification no : 1557-3883