ROOPARAJ. M

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OBJECTIVE

Detail-oriented B.Tech Artificial Intelligence and Machine Learning student (2027) with strong skills in web development and front-end technologies. Proficient in HTML, CSS, JavaScript, Python. Completed internships in Web Development .

EDUCATION

Manakula Vinayagar Institue of Technology, B.tech in Artificial Intelligence and Machine Learning Relevant Coursework: Python, DSA, OOPS, AI. Expected 2027

Sri Sampourna Vidhyalaya, Pondicherry 2021 - 2023

SKILLS

Technical Skills

- **Programming:** Python, Java
- **Frontend:** HTML5, CSS3, Bootstrap, JavaScript, jQuery React.js,
- **Backend:** Node.js, Express.js, REST APIs
- **Databases:** SQL, PostgreSQL
- **Tools:** Git, GitHub, VS Code, npm, Postman, Vite, pgAdmin4, PyCharm, Eclipse IDE

Soft Skills

- Problem Solving
- Communication
- Team Collaboration
- Adaptability
- Emotional Intelligence
- Self Learning

INTERNSHIP EXPERIENCE

Web Development Intern - Ruddo Education Solutions Pvt. Ltd. View Certificate Dec 2024 – Jan 2025

- Built a web-based doctor consultation platform using React.js and Vite
- Gained experience in real-world frontend development and deployment

PROJECTS

Virtual Mouse using Hand Gestures View Code

Implemented a user-friendly web interface with real-time QR rendering. Developed a virtual mouse system that uses real-time hand gesture tracking to control cursor actions.
Implemented hand detection using MediaPipe and OpenCV, with PyAutoGUI for mouse automation.

Notes to Story AI Agent Working on it

Building an AI-powered tool that transforms short bullet point notes into well-structured, human-like stories.
Integrating NLP techniques including text expansion, context retention, and tone control using LLMs.

Qr Generator View Code

Built a QR Code Generator using Node.js and Express, allowing users to input text or URLs and instantly generate downloadable QR codes using the qrcode library.Implemented a user-friendly web interface with real-time QR rendering.

AptiQ to crack Apti View Code

Developed AptiQ – a smart aptitude learning platform, featuring theory lessons, shortcut techniques, and interactive quizzes with progress tracking to help students master aptitude from A to Z. Designed and implemented daily learning workflows and a personalized dashboard.

CERTIFICATIONS

Web Development Bootcamp — Udemy [View Certificate](#) Completed: 2025
100 Days of Code – Python Programming — Udemy In process
Node.js Bootcamp — LetsUpgrade [View Certificate](#) Completed: 2025

LANGUAGES

- **Tamil** (Native)

- **English** (Fluent)

- **Hindi** (Learning)