

HARIHARAN P

AI-Focused Builder

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PROFESSIONAL SUMMARY

AI-focused Computer Science undergraduate with hands-on experience in building intelligent systems across Generative AI, Machine Learning, and system design. Worked on projects involving quantum computing simulation, AI voice interaction, workflow automation, and personalized learning systems. Strong foundation in Python and deployment-oriented AI concepts, with proven ability to convert ideas into scalable prototypes. Actively preparing for industry-ready AI and software engineering roles.

TECHNICAL SKILLS

Programming: Python, C, HTML, CSS

Frameworks & Tools: FlutterFlow, n8n, GitHub, Figma

Core CS: Data Structures & Algorithms, DBMS

Soft Skills: Leadership, Problem Solving, Communication, Time Management

PROJECTS

Personalized AI Learning Roadmap System

- Designing an AI-driven platform to identify students' learning gaps and generate custom learning roadmaps based on skills, goals, pace, and performance using AI-based recommendations.

Quantum Computing Simulation & Deployment Platform

- Worked on a platform enabling high-fidelity quantum circuit simulation with one-click deployment to real quantum hardware via IBM Quantum, AWS Braket, and Google Cirq APIs.

ElevenVoice – AI Voice Interaction Platform

- Built an AI voice assistant using Google Gemini for understanding and ElevenLabs for realistic voice responses, enabling end-to-end speech-to-speech interaction.

AI Workflow Automation System

- Developed automation workflows using n8n to reduce manual effort and improve operational efficiency through API-driven logic.

EDUCATION

SNS College of Technology, Coimbatore

DE BRITTO HR. SEC. SCHOOL

B.E. Computer Science Engineering (2023–2027)

SSLC – 80% | HSC – 86%

ACHIEVEMENTS & LEADERSHIP

Second Place – Cohort Internal Hackathon (Frontend System Design):

Built a role-based cohort dashboard with hierarchical access, attendance tracking, and task assignment.

Secretary – Regex Club; Event Organizer – Codeathon (Ideathon & Code Debugging)

Hackathon Participant – Smart India Hackathon; Paper Presentations – SREC & Velalar College

National Cadet Corps (NCC) – 2 years : Discipline, leadership, teamwork

LANGUAGES

Tamil – Read / Write / Speak

English – Read / Write / Speak

Hindi – Read / Write

CERTIFICATIONS

Databricks – Generative AI & ML Engineering Track

Generative AI Development | Deployment & Monitoring | Evaluation & Governance | ML Model Development & Deployment

Cloud & AI Foundations:

- AWS Academy Graduate – Generative AI Foundations
- Oracle Cloud Infrastructure – AI Foundations Associate
- Salesforce Certified – Agentforce Specialist
- AWS Skill Builder – Computer Vision (AWS Panorama) | ML Project Planning | Generative AI Fundamentals

Programming & Core CS:

- Python – ByteXL | Infosys Springboard
- Data Structures & Algorithms | DBMS – ByteXL

INTERNSHIPS

Accent Techno Soft – Python & AI Intern

- Developed an AI-based chatbot and assisted in automation workflows using Python.

ZRL Soft Tech Solutions – Web Development Intern

- Gained hands-on experience in HTML, CSS, Git, and basic UI development practices.