

JAYNA MUKESH

+91-9384445313 | jaynamukee@gmail.com

[in jayna-mukesh](#) | [github jaynamukesh](#) | [twitter jaynamukesh](#)

OBJECTIVE

Greetings! I'm Jayna Mukesh, a passionate full-stack web developer skilled in modern frameworks and technologies. With 4 years of industry experience, I have developed high-quality and user-friendly web applications including hackathon-winning projects. Beyond technical expertise, I'm always eager to learn, staying up to date with the latest trends to continuously improve and innovate.

SKILLS

- **Programming Languages:** Python, JavaScript, PHP, SQL
- **Web Technologies:** HTML, CSS, TailwindCSS, JavaScript, NodeJs, PHP, TypeScript
- **Blockchain Technologies:** Ethereum, Solidity, Web3.js
- **Web Frameworks:** ReactJS, NextJS, Flask, Laravel
- **Database Systems:** MySQL
- **Design:** Figma, Adobe XD, Canva
- **Others:** Git, Github, Jira

EDUCATION


- **SRM University** Sept 2022 - May 2026
B.Tech in Computer Science and Engineering, Final Year
 - CGPA: 9.46
- **Sudharsanam Vidyaashram** May 2022
HSC
 - Grade: 92.4%
- **Sudharsanam Vidyaashram** May 2020
SSLC
 - GPA: 93.8%

WORK EXPERIENCE





- **MIT Square** Jan 2023 - Present Brazil
Indo-Global Winter Internship Program
 - Integrated Twilio for handling 1000+ concurrent calls, Assembly.AI, Google Speech-to-Text, AWS Transcribe for 98 percent accurate voice transcription, and OpenAI/Hugging Face LLMs for real-time urgency classification.
 - Pioneered blockchain-backed (ICP) data storage, ensuring tamper-proof, immutable records with <200ms retrieval time, while implementing NLP-based voice tone analysis (Amazon Chime SDK) to enhance emergency response prioritization with 95 percent accuracy.
- **HCLTech** Jul 2025 - Present
RPA Automation and Gen AI Intern
 - Contributed to Nokia / R&D and Supply chain operations through a learning-based internship.
 - Worked on Robotic Process Automation (RPA) and the implementation of ideas based on Generative AI.

PROJECTS

- **AI Blog Agent** Jan 2025 - Present
Tools: [ReactJs, Python, Torch, SQLite3, TailwindCSS, Redux] [🌐]
 - Implemented keyword research, automated blog writing, built-in SEO optimization and scheduled posting, reducing the need for a dedicated content team.
 - Spearheaded integration with platforms like Medium and WebxSpark for seamless content distribution.
- **AI Stock Recommendation Platform** Jan - Feb 2023
Tools: [ReactJs, Redux, TailwindCSS, Python, NumPy, PHP, MySQL] [🌐]
 - Implemented data-driven insights to break down complex financial information into easy-to-understand recommendations.
 - It provides clear explanations of complex company business models and revenue streams.
- **Human Resource Management System** Apr - May 2023
Tools: [ReactJs, TailwindCSS, PHP, MySQL, Maps SDK] [🌐]
 - The HRMS is designed to streamline HR operations and enhance workplace efficiency.

- Key features: Employee, payroll, attendance, project, document management and attendance punch-in via GPSes.
- **NoForma - AI Lead Capture System** May - Jul 2025
Tools: [React, Python Flask, Laravel, Tavus AI, Cal.com] 
- Developed an AI-powered lead capture and onboarding system to replace outdated "Contact Us" forms, using a video AI agent for real-time client interaction.
- Integrated Tavus for conversational requirement capture and Cal.com for smart meeting scheduling, designed to qualify genuine leads, filter spam, and increase conversion.

ACHIEVEMENTS


- **Winner, EDU Chain Hackathon – Semester 3 | Best Use of EDU Chain** May 2025
Edu Chain 
- Built MentorMesh, a decentralized platform that uses AI to evaluate student skills and intelligently match them with relevant mentors.
- Utilized EduChain's decentralized infrastructure to record sessions and feedback immutably, reinforcing trust and data integrity.
- **Winner, Unfold 2024 | Base Bounty** Dec 2024
CoinDCX 
- Oasis, an abuse reporting platform utilizing blockchain for secure data storage and deployed onchain in Base.
- **Winner, Generative AI Hackathon** Apr 2023
Stranger Hacks 
- "Reword Me" is an AI-powered paraphrasing tool built with React, generating context-aware, plagiarism-free reworded text with high semantic retention.
- **Winner, Ur Hackathon 3.0 | Best Project built with ICP** Dec 2023
ICP India 
- "BreakTheSilence", an innovative web3 application, built on the Internet Computer (ICP) blockchain designed to serve as a reliable abuse reporting platform

PATENTS AND PUBLICATIONS


C=CONFERENCE, J=JOURNAL, P=PATENT,

- [C.1] M. S. A. Vigil, Jayna M, Alan Christofer and Mithun. (2023). **Comparative Analysis of Machine Learning Algorithms for DNA Sequencing**. In Winter Summit on Smart Computing and Networks (WiSSCoN), pp. 1-4. IEEE. 2023, Chennai, India. DOI: 10.1109/WiSSCoN56857.2023.10133845.
- [P.1] Jayna Mukesh, Allan Christofer. (2024). **Automated Call Management System for Emergency Services Based on Artificial Intelligence**. Patent No. 202441049809. Registration Date: 28/06/2024.

LEADERSHIP & OUTREACH

- **Tech Webinar Organizer** Jan 2023 - 2025
Online | Self-Initiated
- Organized and hosted a series of annual technology webinars for higher secondary school students, designed to foster early interest in technology and innovation, while providing insights into industry trends and career opportunities.
- Created content, designed presentations, led interactive Q&A sessions and delivered e-certificates for active engagement.
- **IGNITE** Jan 2023 - 2025
Topics Covered: 
- **Ignite'23** - Introduction to Web Development — Fundamentals of HTML, CSS, JavaScript.
- **Ignite'24** - From Idea to Tech Innovation — Turning real-world problems into scalable tech solutions.
- **Ignite'25** - Building ML Applications Using Python — Hands-on walkthrough of simple ML models using scikit-learn.

VOLUNTEER EXPERIENCE

- **Volunteer - IT Solutions** May 2024 - Present
Sri Sai Illam Charitable Trust, Annanur 
- Providing end-to-end IT solutions for the trust to increase online visibility, including website development, social media management, and basic SEO.
- Collaborate with trust members to streamline digital communication and public outreach.

CERTIFICATIONS

- **Scaler:** Master Computer Networking (Apr 2025)
- **Infosys Springboard:** Introduction to Natural Language Processing (Jan 2025)
- **Coursera:** Supervised Machine Learning: Regression and Classification (Dec 2024)
- **Coursera:** Generative AI: Introduction and Applications (May 2024)

ADDITIONAL INFORMATION

Languages: English, Telugu, Tamil, Hindi, Kannada

Interests: Books, Music, Hackathons, Volunteering