

Ayushi Samaddar

Full-Stack Developer

Versatile Full Stack Developer skilled in MERN stack and Machine Learning integration. Expert in building scalable web apps, RESTful APIs, and ML models. Passionate about performance-driven, user-centric solutions.

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9131564538

Pune, Maharashtra, India

WORK EXPERIENCE

Full-Stack Developer Insight catalyst

07/2024 - Present

Remote

Built and maintained the official website for PuzzleBite, ensuring responsive design and smooth user experience. **Created and implemented** the iVantage web application, focusing on modern UI/UX principles and efficient front-end workflows.

Project Associate IIT BHILAI

10/2023 - 06/2024

Bhilai, Chhattisgarh

Engineered an Ethereum-based e-voting system (Truffle, Ganache, React) with LSAG signatures, ensuring 100% voter anonymity and eliminating duplicate votes. **Implemented** a speaker verification system using I-Vector Modelling and MFCC feature extraction, **enhancing** biometric authentication accuracy and achieving a low Equal Error Rate (EER) on test datasets. **Optimized** GPU-accelerated CSR \times Dense matrix multiplication using CUDA C++, reducing execution time by up to 60% compared to CPU-based methods while minimizing memory usage.

PERSONAL PROJECTS

ISKCON Bhilai Management System

- Developed** a full-stack platform (React + TypeScript, Node.js, Express, MongoDB, Tailwind) for temple event, donation, and devotee management. **Designed** a multilingual UI and admin dashboard with Excel/PDF reporting and secure donor tools. <https://iskconseva.onrender.com>

RAG-Based AI Chatbot

- Created** a context-aware chatbot using vector search (Pinecone), semantic embeddings (Hugging Face), and fast inference (Groq). **Deployed** secure APIs and a scalable cloud-integrated backend for efficient performance. <https://my-chatbot-8hjv.onrender.com>

EDUCATION

Bachelor of Technology

Chhattisgarh Swami Vivekanand Technical University

08/2020 - 06/2023

Bhilai, Chhattisgarh

Diploma

Chhattisgarh Swami Vivekanand Technical University

08/2017 - 06/2020

Bhilai, Chhattisgarh

SKILLS

Programming Languages: JavaScript, Python, SQL

Frontend: React.js, Bootstrap, Tailwind CSS, TypeScript

Backend : Node.js

Databases: MySQL, MongoDB

Cloud & DevOps: Git, GitHub, Netlify, Render

Tools & ML (Additional): Scikit-learn, OpenCV

ACHIEVEMENTS

AWS Certified Cloud Practitioner, Udemy, 2023

PHP and MySQL Web Development, Udemy, December 2023

HTML, CSS, JavaScript Web Development, Coursera, March 2021

Python Programming Fundamentals, AICTE, September 2018

REFERENCES

<https://www.linkedin.com/in/ayushi-samaddar-5499b6265/>

<https://github.com/ayushi68>

<https://professionalportfolio-814h.onrender.com>

LANGUAGES

Hindi
Full Professional Proficiency

English
Professional Working Proficiency