



## CONTACT

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**PORTFOLIO:**  
<https://new-portfolio.vercel.app/>

## SKILLS

**Languages:** JavaScript, NodeJS, ReactJS, Generative AI

**Web Technologies:** ReactJS, HTML, CSS3, Bootstrap.

**Backend Technologies:** Express, Mongoos.js, REST APIs, Node.js

**DevOps & Cloud:** AWS (EC2, S3, IAM), Docker

**Database:** MongoDB, MySQL

**Version Control:** Git, GitHub

**Other Languages:** Python, C, C++, java

**Data Structure & Algorithms:** Arrays, List, Set, Hashing, Tree, Heap, Graph, Searching & Sorting.

**Generative AI:** Large Language Models (LLMs), Prompt Engineering, LangChain, OpenAI APIs, Vector Databases, RAG

# SAMRIDDHI TIWARY

Software Engineer

## EDUCATION

### Bishops CO-Ed School Undri

10<sup>th</sup> Std (ICSE BOARD) : 95%

Best Under-12 Chess Player, Gold Medal in Hindi Olympiad, 10<sup>th</sup> in State Spell Bee, and Award of Excellence in science.

### City International School

12<sup>th</sup> Std (CBSE Board) : 92.2%

**Vellore Institute of Technology:** Computer Science Engineering (B.Tech)  
Highest GPA: 9.28,

## LICENSES & CERTIFICATIONS:

### AWS Certified Cloud Practitioner

Issued: June 2025

Verified by Amazon Web Services. Demonstrated knowledge of core cloud concepts, security, architecture, and AWS pricing models.

### IBM Generative AI Certification

Issued: June 2025

Credentialed by IBM Skills Network. Validated proficiency in working with Large Language Models (LLMs), prompt engineering, RAG, foundation models, and practical GenAI applications using IBM and open-source tools.

## SCHOLARSHIPS:

### AWS AI & ML Scholarship Program – Offered by Amazon & Udacity

Selected among top global applicants for demonstrated interest and aptitude in AI/ML. Completed coursework in foundational AI/ML concepts using Python, supervised learning, and neural networks (2025 cohort).

## ACHIEVEMENTS:

SELECTED FOR MICROSOFT MENTEE: CODE; Without Barriers

May 2025

Selected for the prestigious Microsoft Mentee Program from a highly competitive pool of applicants. Gained exposure to mentorship, technical deep dives, and career guidance by Microsoft professionals.

**Certificate of Honour from IIT BHU(2025):**

April 2025

Earned recognition as a finalist in a national-level hackathon conducted by IIT BHU. Showcased strong problem-solving and teamwork on an innovative tech solution.

**Selected in Google Girl Hackathon(2025):**

January 2025

My Application got selected in Google Girl Hackathon which is being conducted right now.

**HackWar Hackathon:**

January 2025

**Awarded the Best Innovative Design** in the hackathon organized by IIC VIT.

Designed and developed a unique product that impressed judges for its and functionality.

**NIT Durgapur & IIT BHU Hackathons:**

March 2025

Ranked among the top finalists from 1000+ participants at two premier institute hackathons. Demonstrated rapid prototyping, collaborative coding, and effective pitching skills.

**GirlScript Summer of Code: Open Source Contributor**

October 2024

For being one of the top 100 contributors, I was honored with a **Certificate of Appreciation** out of 70,000+ competitors and got 7 badges.

**HackWeb3Conf 2024**

My idea made it to the Top **100** at hackathon 2024 out of **1,600+ developers** and **600+ innovative submissions!**

**Hacktoberfest 2024: Open Source Contributor**

Completed Hacktoberfest by successfully making four meaningful open-source contributions. Earned contributor badges while enhancing collaboration and version control skills.

**CropSky: On going Internship**

December 2025

Selected as a **Web Developer Intern** for a project. In this role, I will contribute to building and optimising our web applications, ensuring seamless access to our AI-driven agricultural solutions.

**Team Lamda: On going Internship**

January 2024

Selected as a Web Developer Intern for a project funded by the **Department of Science and Technology (DST), India**. Contributing to

innovative, government-backed initiatives with impactful outcomes.

## PROJECTS

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### 1.AI Code Editor :

GITHUB LINK: <https://github.com/samriddhitiwary/AIEditorX>

YOUTUBE LINK: <https://www.youtube.com/watch?v=m6LZAumCqhA>

- A web-based AI-powered code editor built using Generative AI for intelligent code assistance.
- Provides real-time code suggestions, auto-completion, and error detection using AI models.
- Developed with React and integrated with AI-based code generation models to enhance the coding experience.
- Supports multiple programming languages with features like syntax highlighting and auto-formatting.

### 2.Healthcare Management System :

GITHUB LINK:([https://github.com/samriddhitiwary/AI\\_Healthcare\\_System](https://github.com/samriddhitiwary/AI_Healthcare_System))

YOUTUBE LINK: <https://www.youtube.com/watch?v=YenVOpasOFA>

Built a full-stack healthcare web app enabling secure doctor-patient interactions with complete CRUD functionality for appointments and medical records.

Features include:

- Doctor-Patient Appointment Booking and Management
- Real-Time Health Monitoring and Record Keeping
- GPS Integration for Nearby Hospitals
- Calories Tracking and Alerts
- Firebase Google Authentication
- Medical Symptom Assistance Chatbot
- Widget for Easy Navigation
- Video Consultations with Jitsi
- Responsive Website Design
- AI Blood Report Analysis
- Email Reminders for Appointments

Developed using ReactJS, Node.js, Express.js, and MongoDB to ensure a smooth and secure user experience.

### 3.Fern and Petal Website

GITHUB LINK: <https://github.com/samriddhitiwary/fernNpetal>

DEPLOYMENT LINK: <https://fern-npetal.vercel.app/>

### 4.Boat Website Clone

GITHUB LINK: <https://github.com/samriddhitiwary/Boat>

DEPLOYMENT LINK: <https://boat-kappa.vercel.app/>

