

SHIVAM KUMAR

Indian Citizen | [Portfolio](#) | [Github](#) | [Email](#) | [LinkedIn](#)

SUMMARY

A tech enthusiast building strong foundations in DSA and core programming, paired with hands-on experience in AI/ML model development and deployment. Passionate about building intelligent, efficient, and scalable solutions across domains.

EDUCATION

Indian institute of Information Technology Manipur

B.tech in Computer Science and Specialization in AI-DS

Senapati, Manipur

Expected Graduation, Aug 2027

- **Concentrations** : Artificial Intelligence , Backend and Frontend Web-Dev

- **SPI** : 9.19 / 10.00

• (CPI : 8.76)

- **Related course-work** : Data Structure & Algorithm , Machine learning , Artificial Intelligence , Object-Oriented Programming , Statistics and Application , Computer Organization and Programming and Web-Technology.

EXPERIENCE

Unfied-Mentor | Web-Dev Intern

Remote | Oct 2024- Dec 2024

- Used API's to create basic web-dev projects likusing api's like OpenWeather
- Dived deep under the concepts of Javascripts , HTML & CSS.
- Worked with react , node , Vue & Databases.

CDAC | Cyber-Security Intern

Remote | Oct 2024 - Jan 2025

- Deeply explored Cyber-Security and Linux systems.
- Did vulnerability analysis and penetration testing on virtual machines.

Octanet | Web-Dev Intern

Remote | Oct 2024 - Jan 2025

- Sharpened my skills of HTML & CSS
- Worked on a gym-management system simplifying the registration , nutrition tracking work.

Zensar | AI - Intern

Hybrid | May 2025 - Present

- Built an AI conversational agent solving major issues like database connections and output,Ticketing and other integration issues *reducing the integration cost by 100%.*
- Developing and fine-tuning large language models (LLMs) for domain-specific tasks, *making guidelines and having a tight control over the replies.*

SKILLS AND HOBBIES

- **Programming Languages** : Python,C/C++,PHP,SQL,HTML/CSS,Javascript
- **Libraries / Frameworks** : Langchain,Tensorflow,Torch,Sci-kit,React.js,Tailwindcss,Node.js
- **Tools / Platforms** : Ollama, Git/Github, Android Studio , OBS
- **Extras** : Graphics Designing,Presentation,Communication,Leadership

PROJECTS

Web-App | Visiting Card Maker App

Oct 2024

College solo project

- Developed a website for Designing Visiting Cards using HTML ,CSS , Javascript , PHP and SQLite3.

Web-App | File to Graph Depiction

Dec 2024

Solo project

- Made an web-app for a swimming teacher to depict the *saved time-records into an graph-based format* for easy visualization. Using Flask, pandas and numpy and using mysql as an database.
- Scraping live data from wikipedia to compare the records with world *records simplifying the work.*

ML - Based Manipur Flood-Resilient System

Feb 2025

Hackathon project

- Developed a small prototype for Manipur Flood Resilient System which will give live alerts for floods using Firebase.
- Used a regression model to predict the Flood prone areas and open routes for diverting vehicle. Though the RMSE values were very large because of insufficient data.

Web-App | Leave-Management System

April 2025

College project

- Made an web-app for easy and simplified leave management with different leave options,3-role based login, Leave-records with PHP and MySQL.
- Live-updates on email reducing the man-work by 30-40% using PHPMailer.

AI Model | L1 Agent

June 2025

Zensar project

- Made an voice conversational agent with specific guidelines and various features with environment integrations.
- Reduced the cost of building by a large scale.

CERTIFICATIONS

1.IIT Bombay C++ Training Certificate

- Completed a C++ training program by IIT Bombay, gaining expertise in fundamental and advanced programming concepts with 80% marks.

2.Microsoft Azure AI internship by Edunet

- The internship focused on building foundational and practical skills in Artificial Intelligence and Microsoft Azure cloud services through structured learning and project-based application.