

Suvayu Biswas

Software Engineering Intern | Full-Stack & AI/ML Developer

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PROFESSIONAL SUMMARY

B.Tech Computer Science student with strong foundations in software engineering, full-stack web development, and applied AI/ML. Experienced in building and deploying real-world products, including a location-based travel platform (Ghuumo) and AI-driven medical imaging models. Comfortable with Java, JavaScript, Python, REST APIs, cloud platforms, and end-to-end project development. Actively seeking Software Engineering or AI/ML internship opportunities.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering,

Kalinga Institute of Industrial Technology (KIIT)

CGPA: 8.98 / 10

2023 – 2027

Odisha, India

PROJECTS

Ghuumo – Location-Based Travel & Listing Platform

GitHub : <https://github.com/SuvayuBiswas/ghuumo> 

09/2025 – 12/2025

- Designed and developed a full-stack, production-oriented travel platform enabling users to create, browse, and manage location-based listings.
- Implemented RESTful APIs, dynamic routing, and CRUD operations for listings and user interactions.
- Built responsive UI with modern HTML, CSS, and JavaScript for cross-device compatibility.
- Integrated map/location-based features and handled form validation, image URLs, and data persistence.
- Focused on clean architecture, scalability, and real-world usability.

Cascading Self-Attention Funnel (CSAF) – Brain Tumor Classification Model,

Research Project | Paper drafted (unpublished)

06/2025 – 11/2025

- Co-developed a lightweight self-attention-based deep learning model for MRI-based multi-class brain tumor classification.
- Designed a cascading attention and down-sampling architecture with **<67K parameters**.
- Achieved **97.6% accuracy, 99.67% recall, and 99.01% precision** on the BRISC2025 dataset.
- Implemented training and evaluation pipeline in **PyTorch**.
- Paper in pre-submission stage, codebase private and discussable in interviews.

RPG Creature Search Web App

GitHub:https://github.com/SuvayuBiswas/Web_Dev/tree/master/RPG%20Creature%20Search%20App 

06/2025 – 07/2025

- Built a real-time search interface using **JavaScript Fetch API** and asynchronous data handling.
- Integrated FCC RPG API and deployed on **GitHub Pages**.

Personal Developer Portfolio

GitHub : <https://github.com/SuvayuBiswas/suvayu.me> 

12/2025 – 12/2025

- Designed and deployed a responsive portfolio to showcase projects, research, and skills.

TECHNICAL SKILLS

Programming Languages

Java, Python, JavaScript, C, SQL

Web & Full-Stack

HTML, CSS, JavaScript, REST APIs, Fetch API, Regex, localStorage

Core CS Concepts

OOP, API Integration, Responsive Design, Data Validation

AI/ML

PyTorch, TensorFlow/Keras, CNNs, Attention Mechanisms, Data Preprocessing

Cloud & DevOps

AWS, Oracle Cloud (OCI), Git, GitHub, Linux

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 - Certified Architect Associate 

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional 

- AWS Academy Graduate - Cloud Foundations, Amazon Web Services 

- Red Hat System Administration I (RH124 - RHA) - Ver. 9.3 

- JavaScript Algorithms and Data Structures - freeCodeCamp 

- Responsive Web Design - freeCodeCamp 

LANGUAGES

English

Professional Proficiency

Hindi, Bengali

Native