

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, 2023 – 2027
Kalinga Institute of Industrial Technology (KIIT) Odisha, India
CGPA: 8.98 / 10

PROJECTS

- Ghuumo – Location-Based Travel & Listing Platform** [🔗](#) 09/2025 – 12/2025
GitHub : <https://github.com/SuvayuBiswas/ghuumo> [🔗](#)
 - 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,** 06/2025 – 11/2025
Research Project | Paper drafted (unpublished)
 - 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** [🔗](#) 06/2025 – 07/2025
GitHub:https://github.com/SuvayuBiswas/Web_Dev/tree/master/RPG%20Creature%20Search%20App [🔗](#)
 - 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** [🔗](#) 12/2025 – 12/2025
GitHub : <https://github.com/SuvayuBiswas/suvayu.me> [🔗](#)
 - 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 [🔗](#)
 - Red Hat System Administration I (RH124 - RHA) - Ver. 9.3 [🔗](#)
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional [🔗](#)
 - JavaScript Algorithms and Data Structures - freeCodeCamp [🔗](#)
- AWS Academy Graduate - Cloud Foundations, Amazon Web Services [🔗](#)
 - Responsive Web Design - freeCodeCamp [🔗](#)

LANGUAGES

English Professional Proficiency	Hindi, Bengali Native
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