

Sagar Tamang

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Education

The Assam Kaziranga University

Jorhat, Assam, India

BCA, BACHELOR OF COMPUTER APPLICATIONS

2022 - 25

- **Final Research Project**, Supervised by Dr. Dibya Jyoti Bora
- **CGPA**: 9.85/10.00

Army Public School Jorhat

Jorhat, Assam, India

12TH CBSE

2019 - 22

- **Percentage**: 89.66%

Experience

LeapX AI

Gurugram, Haryana, India

AI ENGINEER INTERN

Jan 2025 - Present

Reporting to the Chief Technical Officer (CTO) **Adityaojas (Ojas) Sharma**.

National Institute of Technology Silchar (NITS)

Silchar, Assam, India

RESEARCH INTERN

Jun 2024 - Aug 2024

Worked under the mentorship of **Prof. Binoy Krishna Roy**; first author of the paper "Different Cybercrimes and their Solution for Common People," which analyzed cybercrime trends, Indian statistics, and proposed 31 practical solutions for non-tech-savvy individuals.

Composio

Benguluru, Karnataka, India

SOFTWARE ENGINEERING (PYTHON), INTERN

Mar 2023 - Apr 2024

As a fast-paced AI Agent startup, Composio provided me the opportunity to contribute to their central codebase. I collaborated with the API integration team and successfully assisted in integrating over 100 companies into the Composio platform.

Success Scholar

Kolkata, West Bengal, India

APPLICATION/PRODUCT DEVELOPER, INTERN

Jul 2023 - Mar 2024

Led the development of a new dynamic web application using Django-Python; upgraded the official website of the company to improve user experience and performance; developed 5+ web scrapers to extract valuable data from the Internet, enhancing data-driven decision-making.

Publications

Enforcement Agents: Enhancing Accountability and Resilience in Multi-Agent AI Frameworks

Under Publication

PRESENTED AT ICDDA 2025 [CERTIFICATE]

2025

ABSTRACT PUBLISHED IN BOOK OF ABSTRACTS (ISBN: 978-93-91883-90-4)

S. Tamang, D. J. Bora

Can LLMs Predict the Stock Market? A Comparative Analysis of AI-driven Financial Forecasting

Under Publication

PRESENTED AT ICDDA 2025 [CERTIFICATE]

2025

ABSTRACT PUBLISHED IN BOOK OF ABSTRACTS (ISBN: 978-93-91883-90-4)

S. Tamang, U. Das, K. Modi, K. Sharma, D. J. Bora

Evaluating Tokenizer Performance of Large Language Models Across Official Indian Languages

Under Review

AVAILABLE AS A PREPRINT ON ARXIV

2024

[HTTPS://ARXIV.ORG/ABS/2411.12240](https://arxiv.org/abs/2411.12240)

S. Tamang, D. J. Bora

AI Poramorxo: Assamese Language NLP for Medical Report Generation and Translation

Original Research

PRESENTED AT AICTE ICESCC 2024 [CERTIFICATE]

2024

ABSTRACT PUBLISHED IN BOOK OF ABSTRACTS (ISBN: 978-93-91883-98-0)

S. Tamang, D. J. Bora

Original Research

2024

S. Tamang, D. J. Bora

UNDER REVIEW

2024

S. Tamang, G. S. Chandana, B. K. Roy

UNDER REVIEW

2024

S. Tamang, D. J. Bora

Original Research

2023

B. Nath, S. Tamang, S. Munshi, K. K. Pandey, S. Kumar, P. Randhawa

UNDER REVIEW

2023

S. Tamang, D. J. Bora

Jorhat, Assam, India

Aug 2024 - now

Launched the IEEE Student Branch under the guidance of **Mousoomi Bora**. Led workshops on research for the School of Engineering & Technology (SET) and the School of Computing Sciences (SCS), fostering a culture of research and innovation on campus.

Jorhat, Assam, India

Jul 2023 - Jul 2024

Promoted entrepreneurial spirit on campus by organizing regular workshops, networking events, and mentorship programs, encouraging students to explore startup opportunities and innovative business ideas. Managed reports for all club events and participated in key events such as the Cambodia Delegation visit to Kaziranga University and KUDOS - the annual business plan competition.

Jorhat, Assam, India

Apr 2023 - Apr 2024

Led the organization of multiple events such as the Smart India Hackathon, and various coding workshops, aimed at fostering and expanding the coding culture on campus. Played a key role in promoting practical coding skills and innovation among students at the university.

Jorhat, Assam, India

Mar 2023 - Mar 2024

Coordinated workshops and events at the university, ensuring detailed report creation for proper documentation. Contributed to improving the university's Innovation ranking by supporting efficient organizational processes.

Jorhat, Assam, India

Mar 2023 - Mar 2024

Volunteered in local villages, contributing to community service and awareness programs. Participated in National Integration Camps (NIC) and two North East NSS Festivals held at Sikkim (2024) and Meghalaya (2023). Won 2nd prize in a speech competition (2023) and 3rd prize in a debate competition (2024) during the events.

Remote

Jul 2023 - Sep 2023

Managed relations with NGOs, specifically orphanages, to foster meaningful collaborations and impactful societal outcomes. Reached out to prospective orphanages to build partnerships for social initiatives.

Honors and Awards

Best Paper Award - ICDDA 2025 INTERNATIONAL CONFERENCE IN DATA DRIVEN AI (ICDDA) 2025 For conference paper "Enforcement Agents: Enhancing Accountability and Resilience in Multi-Agent AI Frameworks." [Certificate]	Jorhat, Assam, India May 2025
Best Paper Award - ICDDA 2025 INTERNATIONAL CONFERENCE IN DATA DRIVEN AI (ICDDA) 2025 For conference paper "Can LLMs Predict Stock Market? A Comparative Analysis of AI-Driven Financial Forecasting." [Certificate]	Jorhat, Assam, India May 2025
Best Paper Award - AICTE ICESCC 2024 Conference INTERNATIONAL CONFERENCE ON ENERGY, SUSTAINABILITY AND CLIMATE CHANGE (ICESCC) 2024 For the paper "AI Poramorxo: Assamese Language NLP for Medical Report Generation and Translation." [Certificate]	Jorhat, Assam, India Jun 2024
Best Paper Award - OTCON IEEE Conference IEEE OP JINDAL TECHNOLOGY CONFERENCE (OTCON) 2024 Presented the paper "A Comparative Study of Model Variations: English-Nepali Language Pair." [Certificate]	IEEE OTCON 3.0 Jun 2024

Projects

Assamese GPT HTTPS://ONUHONDHAN.FEYNMANPI.COM/ An Assamese GPT.	Web App Django, HTMX, Portykey, Daphne, LLMs
Therapist AI HTTPS://GITHUB.COM/SAGAR-TAMANG/THERAPIST-AI Your personal AI-powered mental health support, available 24/7.	Web App Django, HTMX, Portykey, Daphne
BharatGPT HTTPS://GITHUB.COM/SAGAR-TAMANG/BHARATGPT-FEYNMANPI India's Answer to the LLM revolution.	Web App Django, HTMX, Google API, Postgres
SSB AI HTTPS://GITHUB.COM/SAGAR-TAMANG/SSB India's first AI powered Service Selection Interview Board Exam Preparation Service.	Web App Django, HTMX, Google API, Redis

Technical Skills

Programming Python, Java, Javascript, SQL
Frameworks Django, DRF, Django Ninja, PyTorch, TensorFlow, Langchain, Selenium, Unsloth AI, Axolotl AI
Others Google Colab, Linux, Docker, Vim, IPythonNotebook, Git, Github, HTMX, Adobe Photoshop/ After Effects, Unsloth, Axolotl LLM, ETE