

AINDRIYA BARUA

AI ENGINEER | VISUAL ARTIST | WRITER (GRAPHIC NOVELLAS & TECH)

Pronouns- THEY/THEM

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in [aindriya-barua](https://www.instagram.com/aindriya-barua)

🌐 www.shhorai.com

🐙 [AindriyaBarua](https://www.github.com/AindriyaBarua)

EXPERIENCE

Shhor

Founder, Machine Learning Engineer July 22–Present

Shhor AI

- Developed an API to detect and respond to Hindi-English code-mixed hate speech on social media, aiding in real-time content moderation.
- Assembled and led a diverse team of 45 activists and volunteers for data tagging from marginalized communities.
- Created datasets for hate speech and conducted research on technology-facilitated polarization trends and intersectionality in India.

Shhor Grassroots Innovators Community

- Created a support network and skill-sharing space for marginalized communities to co-create their own tech solutions.
- Facilitate a peer-led environment for resource exchange, problem-solving, and community-driven tool development rooted in lived experience.

Shhor Mag: Tech from the Margins

- Serve as editor, artist, and writer for Shhor Mag, a creative tech publication that documents feminist resistance and community-led digital justice narratives.
- Translate complex AI and tech research into accessible formats through zines, essays, and visual storytelling.

SELECT TALKS, SESSIONS, PANELS

- Rights Con, Taipei, 2025
- DRAPAC Digital Rights Meet-up, 2025
- APrIGF 2024, Taipei, Taiwan, 2024
- Safety Showcase, UNFPA, 2024
- National Consultation, Gender@work and UN Women, 2024
- Asia Regional Symposium on TFGBV, UNFPA, Bangkok, 2024
- 'AI in Focus: Navigating Risk, Regulation, and Responsibility' by SFLC.in, 2024
- Cope, Strategize, Resist, CREA & Red Door, India, 2024
- Digital Citizen Summit, DEF, 2024
- Queer and Trans liberatory Organizing in the Face of Fascism, Equality Labs, 2024
- Intersectional & Intersectoral Advocacy: Atypical Dikkatein by Civic Asia x Oxfam, 2024
- GBV Meetup, Association for Progressive Communications (APC), Goa, India, 2024

FELLOWSHIPS AND GRANTS

Feminist Batti Jalao Grant

June 2025 – Present

Creating a novel large-scale Shhor AI-powered evidence base on hate speech prevalence in Indian social media.

Offstream Futures Grant

October 2024 – March 2025

OffStream Trust, India

Created and exhibited a graphic novella, Shhor Mag's 1st Edition.

Disinformation Collaboration Grant

May 2024 – Present

Numun Fund, Bangkok

Won grant at Asia Disinfo Co-Lab pitch contest for building support networks for LGBTQ+ tech founders.

CREA Storytelling Project

September 2024 – Present

CREA, India

Creating an auto-ethnographic illustrated research story on Indigenous historical and contemporary discrimination.

Youth Storytelling Project

April 2024 – September 2024

Queerbeat, India

Grant winner, created a comic strip highlighting LGBTQIA+ lived experiences in India: [Link](#)

Dalit Dreamlands Art Exhibition

April 2024 – June 2024

for Caste Abolition: Aspiring for Black,

Dalit, Indigenous Solidarities, Oakland

Asian American Women Artists Association, California

Trans Affirmative Anti-caste

April 2024 – June 2024

Fiction Archiving Fellowship

Party Office, Berlin

iHEAR Queer Chronicles

Dec 2023 – May 2024

Sangath, India

Co-created IEC materials for healthcare professionals on understanding queer experiences.

Gender Bender Grant

Oct 2023 – Dec 2023

Goethe Institut and Sandbox

Collective, Germany

Collaborated with Mavelinadu Collective on zines on "Debrahmanising Gender", exhibited at Max Mueller Bhavan, Bangalore.

Bachchao Project

Dec 2022 – Jan 2023

Technical Fellow, Berlin, Germany

[GitHub Repo](#)

Integrated legal reporting feature for Shhor in partnership with lawyers.

MEDIA CITATIONS

- **Indian Express:** [How an AI tool by a queer engineer is making the internet a safe place](#),
- **NDTVProfit:** [ShhorAI Attempts To Make The Internet Safe](#)
- **YourStory:** [This queer, Adivasi engineer has a next-gen solution to homophobic trolls](#)
- **Boom:** [Queer Indians Confront Online Hate While Tech Platforms Stay Indifferent](#)
- **Boom:** [Aindriya fighting hate on the Internet with AI](#)
- **UNFPA Press Release:** Global youth innovators crack the code on gender-based violence: [The Print](#), [ANI](#), [Times of India](#), [Press Trust of India](#), [Techgig](#)
- **Times of India:** [Hinglish and Toxic Typos – How hate spreads on Reddit](#)
- **Analytics India Mag:** [This 24-Year-Old Built An Anti-Hate-India Reddit Bot](#)

ACADEMIC PUBLICATION

Barua, Aindriya, et al. "[Analysis of Contextual and Non-contextual Word Embedding Models for Hindi NER with Web Application for Data Collection](#)." International Advanced Computing Conference. Springer, Singapore, 2020.

PREVIOUS EXPERIENCE

Period Society, Tripura Chapter

Creative Head Dec 2020 – Mar 2023

Led menstrual hygiene awareness campaigns in remote areas in Tripura.

Needl.ai

Machine Learning Engineer Feb 2022 – Jul 2022

Enhanced techniques for extracting specific information from financial documents..

Oracle (Cerner)

Software Engineer Jan 2020 – Jan 2022

Enhanced Cerner's auto-test app for multi-lingual OCR workflow automation. and automated regression testing.

AWARDS AND ACCOLADES

- **Just AI Award Winner, AI Global Summit 2024 –** Recognized for ethical AI for social good by DEF, Govt. of Telangana, and World Summit Awards; selected from 45 global AI startups.
- **2nd Runner-Up, UNFPA International Hackathon 2022 –** Among top 3 of 8,500 teams worldwide; winners included teams from Canada and Nigeria.
- **Top Queer Voice of the Year, Pride Class, by We AreYuvaa, 2024**

EDUCATION

Amrita Vishwa Vidyapeetham, Kerala 2016 – 2020

- Bachelor of Computer Science and Engineering.
- **CGPA: 9.05/10, with Distinction**

ADDITIONAL INFORMATION

Community Advisor Board Member at Trans-Net project, iHear, Sangath 2024

Board Member at [Daxayoni Publishing House](#) 2024

Artist in Spotlight: Revival Disability India x Gaysi x Tinder 2024

Cruising Queer Belongingness Project: Revival Disability India x YP Foundation 2024

Honored by USA Consulate General, Judith Ravin, and Political/Economic Chief, USA, Virsa Perkins 2022

Invited to a discussion on AI and social justice for my experience with grassroots-level activism.

Featured Artist in Adivasi Lives Matter (Indigenous Media) Yearly Calendar 2022

Interviewed and featured for making political art in national media outlets 2018 – 2022

Special Mentions –

- News9Live
- Buzzfeed India: [27 Indian Artists Who Are Smashing Stereotypes With Their Fantastic Illustrations](#)
- The Quint – [Art Movement against Patriarchy and Colourism: Women Voices Interview](#)
- The Indian Express, etc

Art Cited in Journal Paper Ecofeminism and Climate Change Nov 21

By Art Historian Dr. Roma S

[Our Identity Remains Marked](#)

Guest of Honour, Bhagat Singh Memorial Lecture, Tata Institute of Social Sciences, Mumbai Sep 20

Art Exhibitions:

- Heralding Utopias, Bellefonte Art Museum, NYC Upcoming
- Ambar Art Exhibition, IIT Kharagpur Jun 20
- Unmute Art, Vidyut National Multifest Apr 19
- Woman Up Exhibition, Amrita University Mar 19

VDM: INDIA ON THE MOVE: Youngest to be awarded for contribution to society through art. Apr 19

All India Cultural Youth Festival, MHRD, India: Silver medallist – Art from Waste in South Zone and selected for nationals, won National scholarship. 2016

Creator of Instagram pages: [@HuesOnMyCanvas](#) and [@Shhor.ai](#) 2017– Present