

ASHMITA SEN ROY

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LINKS

[LinkedIn](#) | [GitHub](#)

PROFILE

Entry-level Software Engineer with solid programming skills and experience building real-world applications using clean, scalable code. Proficient in Python, C, and JavaScript. Passionate about solving problems, collaborating in teams, and continuously learning in a fast-paced development environment.

SKILLS

Programming Languages: C, C++Python

Frontend: HTML, CSS, JavaScript, React.js

Backend: Node.js (basic), Python

Database: MySQL , MongoDB (basics)

Tools & Platforms: Git, Vercel, Railway, Postman, VS Code ,Canva

EXPERIENCE

May 2023 – Oct 2023

Web Developer Intern , Kabadi Techno Pvt

- Built and improved responsiveness of the company’s official website using Bootstrap and React.js.
- Created modular and reusable React components to enhance scalability and maintainability of the codebase across multiple features.

Jan 2025 – May 2025

Content Writer & SEO Specialist, WebBees

- Wrote and optimized 15+ product descriptions and blog articles
- Increased organic traffic by 40% within 2 months through targeted keyword integration and content strategy.

PROJECTS

May 2025-June 2025

Grippi – Full Stack Campaign Analytics Dashboard [[GitHub Link](#)

- Built a responsive full-stack dashboard to track and visualize marketing campaign data.
- Developed the frontend using React.js with clean modular components.
- Implemented backend APIs with Python (FastAPI) and used SQLite for lightweight data storage and management.
- Deployed via Vercel (frontend) and Railway (backend) for fast, scalable delivery.

August 2024 - Feb 2025

Detection of Hateful Memes in Images [ML Model]

- Developed a system using OCR, Computer Vision, and NLP to detect and flag hateful content in memes.
- Built a hate-speech detection model analyzing both image and text context using a Facebook meme dataset of 10K+ samples.
- Achieved 91% accuracy, effectively classifying offensive memes with a high degree of precision.

June 2025--July 2025

Lumi Clock – Immersive Productivity Web App [[Live Link](#)]

- Designed a multi-feature productivity site with a notepad, timer, calendar, and daily quotes to help users stay organized.
- Integrated a live HD video background with Lock Mode for focused sessions and Unlock Mode for full access.
- Built with modular components and deployed on Vercel for fast, responsive performance.

October 2024- Dec2024

AI-Based Time Slot Predictor – SIH Finalist (PSID 1761)

- Helped build a smart solution to predict optimal scheduling slots using AI.
- Designed and developed the project website to showcase predictions and team insights.
- Contributed to a national-level hackathon project addressing real-world needs.

June 2024 -July 2024

Currency Converter – Global Exchange Rate Platform [[Live Link](#)]

- Built a real-time currency converter using Exchange Rate APIs, supporting 150+ currencies with country flags and codes.
- Designed a clean, responsive interface for seamless and intuitive user experience. Deployed on Netlify.

EDUCATION

August 2022 – Present

**Bachelor of Technology in Computer Science Engineering ,
Sikkim Manipal University, Sikkim**
Specialization in Artificial Intelligence and Machine Learning
CGPA: 8.25

March 2021 - May 2022

Higher Secondary (XII)
St. Philomena’s School, *WBCHSE, 72%*

Feb 2019 - March 2020

Secondary (X)
St. Philomena’s School, *WBBSE, 78%*

EXTRA-CURRICULARS ACTIVITIES

Oct 2024 - June 2025

Vice President, *Enactus SMIT*

Aug 2023 - Dec 2024

Editorial Lead , *Google Developers Student Club , SMIT*

Aug 2023 - Nov 2023

Coordinator , *TEDxSMIT*

Nov 2018 - July 2019

Rajya Puraskar Award (State -Level) , *Bharat Guides & Scouts*

CERTIFICATIONS

- **SIH NATIONAL FINALIST ‘24 (PSID 1761)** - *AI Based Time Slot Delivery for Articles & Parcels*
 - **Data Analytics & Visualization** – *Accenture Job Simulation (Dec 2024)*
 - **Full-Stack Web Development Bootcamp** – *Dr. Angela Yu (July 2024)*
 - **Google Cloud Career Practitioner (GCCP)** – *30 Days of Google Cloud (2023)*
 - **Dark Pattern Busters Hackathon-** *Finalist (Round 4)*
 - **NPTEL HUMAN COMPUTER INTERACTION** - *Topper 96%*
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