

Nipanko Nath Mazumder

Portfolio: nipanko.github.io
Github: github.com/nipanko

Email: nipanko@protonmail.com
Mobile: +91-936-5869-030

EDUCATION

- **Assam University, Silchar** Silchar, Assam, India
Bachelor of Technology - Computer Science and Engineering; 2021–Ongoing (2025)
Courses: Operating Systems, Data Structures, Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
- **Presidency Senior Secondary School** Silchar, Assam, India
Higher Secondary Education - Science 2019–2021
- **Saint Mary's School** Hailakandi, Assam, India
Secondary Education 2006–2019

SKILLS SUMMARY

- **Languages:** C, C++, Python, Bash, HTML/CSS, Java, \LaTeX
- **Frameworks & Libraries:** OpenGL, Vulkan, Godot Engine, Unreal Engine 5, Unity, Houdini, Blender, ImGui
- **Tools:** Git, GitHub, Vim, NeoVim, Visual Studio, Rider
- **Platforms:** Linux, Windows, Web
- **Soft Skills:** Problem Solving, Team Collaboration, Creative Thinking

EXPERIENCE

- **Freelance Wordpress Developer** Remote
ICAI (Indian Cyber Excellence Institute) Dec 2024–Feb 2025
 - **Website Development:** Designed, developed, and maintained the ICAI website, integrating both frontend and backend features. icei-courses.42web.io
 - **UI/UX:** Implemented responsive design and optimized website performance for better user experience.
 - **Technologies Used:** Wordpress, JavaScript, Git, GitHub.
- **Full Stack Web Development Intern** Remote
Main Flow Services & Technologies Pvt. Ltd. May 2024–Jul 2024
 - **Web Applications:** Developed and deployed web applications, successfully completing all assigned tasks.
 - **Full Stack Development:** Gained hands-on experience in frontend, backend, and full-stack development using React and Django.
 - **Technologies Used:** React.js, Django, Git, GitHub.

PUBLICATIONS

- **Published IEEE conference paper at DELCON-2024:** J. Handique, S. Das, N. N. Mazumder and M. Handique, "Reversible Logic Circuit Based Cryptographic Model for Text Message," 2024 3rd Edition of IEEE Delhi Section Flagship Conference (DELCON), New Delhi, India, 2024, pp. 1-7, doi: 10.1109/DELCON64804.2024.10865812 .

PROJECTS

- **Image Editor Plugin for Obsidian:** A plugin for Obsidian Note Taking software for drawing over the images, built with Typescript and Javascript
github.com/nipanko/Image-Editor-Plugin-Obsidian
- **Catseye - Top Down Shooter Game (Godot Engine):** A mini top-down shooter game developed using Godot Engine and GdScript.
nipanko.itch.io/catseye
- **Tower-God 2D platformer game:** Developed 2D platformer game using Unreal Engine 5 and PaperZD plugin with C++.
nipanko.itch.io/tower-god

VOLUNTEER AND CONTRIBUTIONS

- **Organized an IEEE conference as a Student Technical Committee member of ISACC 2025.**
Managed conference publication papers and coordinated with Editorial Board Members. Feb 2025
isacc.in
- **Open Source Contributor** Remote
Contributed to various open-source projects on GitHub. 2022–Present

PARTICIPATIONS AND CERTIFICATIONS

- Participated in NITS Hacks 7.0 hackathon (Nov 2024)
- Epic Games Game Design Professional Certificate. Introduction to Game Design: Coursera course taught by Epic games professional developer.

HOBBIES AND INTERESTS

- **Game Development:** Passionate about developing small games and exploring game design principles.
- **3D enthusiast:** Learning Maya and Blender.