

BIDHAN MANNA

+91-7431802843 | mannabidhan036@gmail.com | Software Developer |
[Bidhan Manna LinkedIn](#) | [jishu-gits \(github.com\)](#)

EDUCATION

- **VIT Bhopal University** (August, 2022)
B. Tech CSE(Specialization in Gaming Technology) | CGPA: 7.85
- **Vivekananda Mission High School** (May, 2021)
Higher Secondary | Percentage: 67.2%

SKILLS

- **Languages:** Java, C++, Python, SQL, HTML, CSS.
- **Tools:** Git, GitHub, Postman, MS Excel, Canva, Figma.
- **Frameworks/Technologies:** Flutter, Android Development, REST API, DBMS.
- **Database:** MySQL, MongoDB.
- **Core Competencies:** Foundation of Algo, Data Structures Algorithms, Software Development, Operating Systems.

PROJECTS

EDU Nova

(Feb 2023)

- **Gamified Abacus Learning Modules** – Developed and integrated interactive, gamified abacus modules that encouraged students to complete an average of **3 daily challenges**, leading to **consistent engagement** and measurable progress in abacus methodologies.
- Engineered **AI-powered adaptive learning feature** within abacus game, automatically adjusting difficulty based on student performance, resulting in 2x faster learning rate and highest user satisfaction score across all features.
- Crafted an intuitive, **real-time analytics dashboard** to monitor **5+** key performance indicators, including student engagement levels, providing educators with actionable insights that directly enhanced **20%** improvement in learning outcomes.

LawLand

(November 2023)

- Conceptualized an **interactive legal education game** tailored for children aged 6-14, emphasizing rights awareness and social responsibility through immersive, scenario-based gameplay that educated 500+ students.
- **Game Levels:** Developed **5+ progressive levels**, featuring **real-life legal scenarios, case-based puzzles, and decision-making challenges**. Players must **apply 10+ legal principles, identify violations, and take action** to advance, ensuring an immersive experience.
- **Awareness Impact:** Educated **500+ young players and students** on **10+ essential laws, safety protocols, and legal rights**, empowering them to **identify, prevent, and report illegal activities effectively**.
- **Showcased Recognition:** Presented at the **Smart India Hackathon 2023 and university exhibitions**, demonstrating its real-world impact on **1,000+ students, educators, and legal professionals** for enhancing legal awareness.

EXTRA-CURRICULARS AND ACHIEVEMENTS

ACHIEVEMENTS

- **Engaged in a disciplined 100 Days of Code challenge** centered on Java and Data Structures & Algorithms; **tackled 100+ coding challenges**, leading to the creation of a personal portfolio showcasing enhanced coding proficiency.
- **Cyber-Security Awareness Program** – Completed a **5-day training** by **TheCyberDelta, Hackersvilla & GeeksForGeeks**, covering **cyber threats and security best practices**.
- **ISL Winter Internship** – Completed a **one-month training** at **India Space Lab (Dec 15, 2024 – Jan 15, 2025)**, focusing on **space technology and satellite systems**.

EXTRACURRICULAR

- **Co-Lead of Social Media Team VRGC - VIT Bhopal University** July 2023 – Ongoing
- Led strategic planning sessions within the **PR Team at VIT Bhopal's VRGC Club**; established relationships resulting in three new sponsorships that provided valuable resources to enhance club operations.

ADDITIONAL INFORMATION

- **Hobbies-** Tech Trendy, Gaming, Cooking, Trained in classical Singing and guitar, Photography
- **Languages:** English (Professional working proficiency), Hindi (Native or bilingual proficiency)