

# Mahima Kumari

AI & Cybersecurity Undergrad|UI/UX & Frontend |IIT Patna

● Ghaziabad, India

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[github.com/mahik2007](https://github.com/mahik2007)   [leetcode.com/u/mahima2007](https://leetcode.com/u/mahima2007)



BS-MS student in Artificial Intelligence & Cybersecurity at IIT Patna (2030) who designs and builds user interfaces end-to-end — from Figma mockups to production React and Tailwind CSS front-ends — across capstone and hackathon projects, with a growing research interest in User Experience (UX) Design and Human-Computer Interaction.

## EDUCATION

|                                                                                                                                                     |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Indian Institute of Technology (IIT) Patna</b><br>BS-MS in Artificial Intelligence & Cybersecurity<br>CPI: 9.27 (Semester 1) · 8.77 (Semester 2) | 2025 - 2030 |
| <b>Modern Academy Senior Secondary School</b><br>Senior Secondary School (Class XII)                                                                | 2025<br>88% |
| <b>Modern Academy Senior Secondary School</b><br>Secondary School (Class X)                                                                         | 2023<br>93% |

## CORE SKILLS

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| AI & Productivity      | ChatGPT, Google Gemini, Claude, Antigravity IDE, AI-assisted development & prompt engineering |
| UI/UX & Design         | Figma, Google Stitch, UI prototyping, responsive design, UX-focused interface design          |
| Frontend / Web         | HTML5, CSS3, Tailwind CSS                                                                     |
| Programming            | Python                                                                                        |
| Development Tools      | Git, GitHub, VS Code                                                                          |
| Data & Problem Solving | Data Structures & Algorithms (Python), debugging, code review                                 |
| Workflow               | AI-assisted coding, component development, frontend integration, team collaboration           |

## PROJECTS

### 1. TripWise - Split Your Expenses Wisely

- Independently designed and developed a web-based travel expense management application to simplify trip planning, shared expense tracking, and cost splitting.
- Built an intuitive and responsive user interface with structured workflows for creating trips, recording expenses, and viewing individual and shared expense summaries.
- Implemented and refined the application using HTML, CSS, JavaScript, and Python, with the project maintained on GitHub and deployed for live demonstration.

Live: [mahik2007.github.io/TripWise.github.io/](https://mahik2007.github.io/TripWise.github.io/) · GitHub: [github.com/mahik2007/TripWise-Split-your-expenses-wisely-](https://github.com/mahik2007/TripWise-Split-your-expenses-wisely-)

### 2. Portfolio Website | UI/UX & Frontend Developer

Personal Project

- Designed and developed a responsive personal portfolio website to showcase projects, skills, hackathons, and achievements.
- Built the interface with a focus on clean UI/UX, intuitive navigation, and responsive design.

HACKATHONS & COMPETITIONS

AAPDASETU - Offline Flood Alert System

Zero Dependency Hackathon, September 2026

- Represented the team as the pitch presenter, presenting AAPDASETU’s solution for delivering flood alerts in low-connectivity environments.
- Explained the project’s key features, impact, and real-world application to the evaluation panel.

COMET - AI-Powered Task Automation Platform

Master's Union Hacknite, August 2026

- Built and styled frontend interface components for an AI-powered automation platform using React and Tailwind CSS, as part of a 3-member team
- Focused on delivering a clean, interactive, and user-friendly interface for the platform's core features

Sentiment-Based Investment Signal Analyzer

Chandigarh University AI Hackmatrix, February 2026

- Designed UI/UX mockups in Figma for a sentiment-based investment signal analysis tool, as part of a 3-member team
- Contributed to a working prototype presented at the hackathon

LEADERSHIP & ACTIVITIES

|                                                                                       |          |
|---------------------------------------------------------------------------------------|----------|
| College Ambassador — Techfest, IIT Bombay                                             | May 2026 |
| Campus Ambassador — AI Fest 2026, Chandigarh University                               | Feb 2026 |
| House Captain, Peace House — Modern Academy Senior Secondary School                   |          |
| Participant — IMSMUNC YuvaManthan 2023, IMS Ghaziabad                                 | Oct 2023 |
| Model United Nations, Class XI — represented as part of a 20-member school delegation |          |

CERTIFICATIONS

|                                                                                               |             |
|-----------------------------------------------------------------------------------------------|-------------|
| be10x - AI Tools & Claude Workshop                                                            | 24 Aug 2026 |
| Covered practical AI workflows for building presentations, analyzing data, and debugging code |             |
| Participant — Bharatiya Antariksh Hackathon 2026, ISRO                                        | Aug 2026    |
| Submitted an idea addressing real-world space-tech challenges                                 |             |
| Participant — Fund My Crazy: Build Night, Google Student Ambassador Program                   | Aug 2026    |
| Used Google Gemini and Nano Banana to visually reimagine an everyday piece of city life       |             |