Aman Jaiswal

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Education

Plaksha University Aug 2023 – May 2027
Bachelor of Technology in Computer Science and Artificial Intelligence *Mohali, India*

Experience

Artificial Intelligence Intern May 2024 – Jul 2024
Upliance.ai *Bengaluru, India*

- Developed **automation scripts** to verify cloud data synchronization, reducing manual checks and improving reliability.
- **Integrated voice models** into Android app to enable voice-controlled actions.
- Deployed PostHog locally to **visualize analytics** from ClickHouse, enabling internal product telemetry.
- Integrated **Firebase notifications** to alert users when app actions completed.

Generalist Intern Feb 2023 – Aug 2023
Upliance.ai *Bengaluru, India*

- Developed a recipe app using **image-based ingredient detection** to recommend relevant dishes.
- Configured **website analytics tools** (e.g., Google Analytics) and generated marketing performance reports to guide strategy.
- Built a system to log, manage, and resolve customer queries, **streamlining support workflows**.
- Created an **internal dashboard** for the manufacturing team to log and track quality tests and hardware checks.

Projects

E-Yantra | *International Robotics Competition – 2nd Stage* Aug 2024 – Dec 2024

- Implemented a **RISC-V CPU in Verilog** as part of robotics hardware design tasks.
- Designed and integrated a **UART module** for serial communication.
- Developed and tested dynamic **frequency scaling** to optimize CPU performance.
- Collaborated in a team to debug and validate hardware modules on **FPGA boards**.

Bridge | *Inter-University Hackathon – Winner* Nov 2024

- Built a platform to match AI data labeling tasks with women seeking flexible remote work.
- Completed the project end-to-end **within 12 hours** as a two-member team during the hackathon.
- Won the Grand Challenges track, recognized for **innovation and societal impact**.

20 Questions | *Inter-University Game Development – Runners Up* Mar 2024

- Built a 20-questions-style game where **AI guesses celebrities** through user interactions.
- Powered by **GPT-API with a Flask backend**.
- Presented and showcased at a **college tech event** to a live audience.

Achievements

- **Winner**, Inter-University Codebreakers Competition (Nov 2024).
- **Winner**, Capture the Flag – Intra-University (Nov 2023).
- **4th Place**, Stock Trading Simulation (Mar 2024).
- **Spirit of Plaksha Award**, recognizing values, leadership, and impact (2024).