

Harshit Jaiswal

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EDUCATION

IIIT, Naya Raipur

Bachelor of Technology in Computer Science

CGPA: 8.46

Naya Raipur, Chhattisgarh

November 2022 - August 2026

TECHNICAL SKILLS

Languages: C, C++, Python, Dart, JavaScript, HTML/CSS

Tools: NodeJS, React, SQL, MongoDB, Numpy, OpenCV, Pandas, Scikit-learn, Tensorflow, Android Studio, Flutter

Technologies: GNU/Linux, Git, Github, Vim, RaspberryPi, Unreal Engine 5, Godot

EXPERIENCE

Unreal Engine Developer

August 2024 - November 2024

Zetrance

- Designed intuitive UI system for a VR simulation platform in Unreal Engine 5.0
- Implemented interaction system that connects UI with 2 real world actors that reflect the information displayed in the widget

CONTRIBUTIONS

Fresh Nest | Android Development

[github](#)

- Designed a splash screen for Fresh Nest App **Dart** and **Flutter** which serves as initial loading while the main content is displayed - [PR](#)

ACHIEVEMENTS

- 1st in AI/ML track - Hack-o-Harbour Hackathon, IIIT Naya Raipur
- Collaborated with 4-member in designing a Resume Screening System utilizing generative AI

PROJECTS

Blockchain based Carbon Credits [WIP] | Blockcabin

December 2024 | [github](#)

- Developed a decentralized Carbon Credit trading platform leveraging React, Flask, and Solidity, promoting transparency and accountability in CSR activities
- Integrated a royalty mechanism ensuring 10% of transaction value is returned to NGOs
- Built an web interface that implements a decentralized carbon market, issuing 100% verifiable proof certificates for proof of purchase

Athleo | Android Studio, Flutter

September 2024 | [github](#)

- Developed a fitness tracking app using Flutter/Dart with real-time activity tracking, personalized running routes, and AI-powered coaching features
- Integrated Google Maps API for route generation and Gemini AI for 100% tailored coaching advice based on user metrics
- Implemented a gamified reward system with 7-day activity tracking, leaderboards, and real-time metrics, enabling users to earn coins for crossing checkpoints

Real-time Behavior Analysis | Computer Vision, Python, OpenCV

April 2024 | [github](#)

- Engineered a composite ML model in **Python 3** assessing teacher and student behavior, promoting a productive classroom environment
- Leveraged Google's **Mediapipe** in pose estimation, achieving 90% accuracy
- Integrated **Tensorflow** for facial recognition trained on MIT OCW lectures, achieving 81% accuracy

JobQuest | Web Development, Generative AI

February 2024 | [github](#) | [demo](#)

- Built a comprehensive web app to track resume applications and generate skill tests based on job descriptions using generative AI
- Incorporated Google's HuggingFace **word2vec** model and cosine similarity to calculate resume scores with 85% accuracy
- Reduced recruiter's workload by 50% using the **Gemini API** to generate skill tests and screen applicants