Mayank Joshi

Haldwani, Nainital, Uttarakhand – 263126

Email: mayankjoshi.ai@gmail.com | Portfolio: https://mayank-joshi-portfolio.web.app

GitHub: https://github.com/13mayankjoshi13 | LinkedIn: https://www.linkedin.com/in/mayank-joshi-90627836a/

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Education

Amrapali University, Haldwani

Bachelor of Technology in Artificial Intelligence and Machine Learning: Aug 2024 – Jul 2028

Scholars Academic Home: Intermediate (CBSE): March 2023

Scholars Academic Home: Matriculation (CBSE): March 2021

Projects

- Gesture-Controlled 2D Boxing Game
- Python, OpenCV, MediaPipe, PyGame | May 2025 – Ongoing
  Multiplayer game with hand gesture control, voice commands, bot AI, and arcade-style UI hosted on Firebase.
- Multiplayer Bike Racing Game (2D)
- Python, Firebase Realtime DB | May 2025 – Ongoing
  Real-time racing with obstacles, curves, and multiplayer web support.
- Bot AI for Multiplayer Games
- Python, Gesture Recognition | May 2025
  AI bot reacts to player proximity and gestures for improved challenge.
- Mini Web & Python Games Suite
  JavaScript, Python, HTML/CSS | Mar – Apr 2025
  Games: Country Guesser, Rage Baiter, Word Guesser. Focused on clean UI and interactive gameplay.
- IPL-2024 Player Performance Analyzer
- Python, Machine Learning, Deep Learning | Feb – Mar 2025
  Built ML/DL models to rank IPL players during YBI internship using feature engineering and visualization.
- Multi-Functional Assistive Glove for Disabilities
  AI, IoT, Sensor Fusion | Apr 2025 – Ongoing
  Smart glove for visual/auditory impairments with gesture control, object detection, and emotion sensing.
- Portfolio Website
- HTML, CSS, JavaScript, Firebase | May 2025
  Dark-mode portfolio with projects and resume. Live at: https://mayank-joshi-portfolio.web.app

Technical Skills

Programming: Python, C, HTML, CSS, JavaScript

Tools: VS Code, Jupyter Notebook, Google Colab, Git, Firebase

Frameworks: OpenCV, MediaPipe, Scikit-learn, Matplotlib, NumPy, Pandas

Databases: MySQL, Firebase Realtime DB

Cloud/DevOps: Google Cloud Platform (GCP), Firebase Hosting

Certifications & Coursework

- Python with Data Science & AI/ML Internship – YBI Foundation
- Python Programming Course – Cisco
- Fundamentals Of AI : Cisco and Microsoft
- Azure AI : Microsoft

Involvement & Achievements

Internshala Student Partner (ISP) | May 2025 – Present

• Promoting Internshala programs in college; improving leadership and communication skills.

Academic Project Intern – YBI Foundation

Completed internship focused on machine learning and data analytics.

Hackathons & Competitions

• Participated in coding and AI events; built gesture-controlled games and assistive tech.

GitHub Contributions

• Sharing ML/DL projects and mini-games.

• Maintains active portfolio and contributes to open-source.