UTKARSH **TRIPATHI**

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Personal Summary

B.Tech IT student with a specialization in Data Science, demonstrating skills in web development and artificial intelligence. Committed to solving real-world problems through innovative projects and teamwork. Proven ability to contribute effectively in collaborative environments.

Websites, Portfolios, Profiles

- LinkedIn
- GitHub
- ut-stack.github.io/Portfolio-uPDATE

Technical Skills

- C and C++ programming
- Java and Python development
- SQL and MySQL databases
- HTML, CSS, and JavaScript
- Tailwind CSS and Bootstrap
- SASS styling
- Version control with Git
- Design tools: Canva and Figma
- Prototyping with Framer and Adobe XD
- Data science techniques
- Machine learning algorithms
- Web development

Education

B.Tech: **Information Technology**   **Expected in 07/2027**
Amity University Gwalior   Madhya Pradesh
GPA: 8.79
- Specialization in: Data Science

10th   **01/2023**
Bright Career Special Academy   Sagar, M.P.
GPA: 91%

12th   **01/2023**
Bright Career Special Academy   Sagar, M.P.
GPA: 84.6%

Experience

Web Developer   **08/2025 to 11/2025**
Freelance
- Designed responsive websites with HTML, CSS, and JavaScript for diverse student clients.
- Integrated third-party APIs to improve website functionality and user experience.
- Maintained comprehensive documentation for web development processes and procedures.

Summer Virtual Intern   **07/2025 to 08/2025**
Intern Vision   **Hydrabad, IN**
- Acquired skills in crafting complete web projects with HTML, CSS, JavaScript, React, and Firebase, integrating both frontend elements and basic backend functionalities.

Web Developer   **08/2023 to 08/2024**
Freelance
- Created two to three paid websites focused on student projects, specifically dairy and farm topics. Leveraged HTML, CSS, and JavaScript for effective website development and user experience.

Achievements

3rd Place, Cyber Security Hackathon — Built a real-time deepfake detection system (Team Hack4Good).

Runner-Up, Innovate 2025 Smart Hackathon — Developed Authentic AI, a deep learning–based web application (Team Hack4Good).

3rd Place, Internal Smart India Hackathon — Amity University Madhya Pradesh, Sept. 19, 2025 (Team Bit Lords).

Featured in Dainik Bhaskar for winning a Cybersecurity Awareness Hackathon.

First Paid Freelance Project (2023) — Designed and delivered a website for PrimeVista Dairy.

Projects

- Brand Pulse (ongoing) – built a Flask-based NLP platform to analyze brand sentiment from one year of news data using TextBlob and Google Gemini API
- AI book recommender system – developed a semantic book recommendation engine using sentence transformers and ChromaDB for meaning-based search
- Bookly – created a React and Firebase digital library app with authentication, search, admin uploads, and responsive UI
- AutoEDA – built a Streamlit web app to generate automated EDA reports (CSV/JSON) using ydata-profiling
- Website screenshot generator – developed a Flask app to capture full-page website screenshots using the ScreenshotBase API
- StudyZen – built an AI-powered study planner with summarization and productivity features using DeepSeek AI
- Manasāroha developed a Streamlit wellness app with SQLite authentication, Plotly charts, and Lottie animations
- DocConvert Pro – created a tool to convert images into PDFs for streamlined digital workflows

Certifications

3rd Place – Internal Smart India Hackathon (SIH) 2025, Amity University Madhya Pradesh (Team Bit Lords), Sept. 2025.

Cyber Security Campaign, M.P. Police, 02/2025.

Innovate 2025 Hackathon, Smart India Hackathon, 04/2025.

RTAMET Workshop - Applied Math in Engineering, 2024.

AmiHack 2K24, Amity University, 02/2024.