

Uttam Jangir

+91-9257733088 | uttamjangir1415@gmail.com | [Portfolio](#) | [Github](#) | [LinkedIn](#)

SKILLS

Languages: Java, Bash, Javascript, Typescript, Python

DevOps & Cloud: Google Cloud, Microsoft Azure, Docker, Github Actions

Backend: & Tools: Springboot, Nodejs, PostgreSQL, Prisma, Git

Others: Nextjs, Serverless, REST APIs

PROJECTS

Projectile Simulation – Physics Motion Visualizer

(Next.js, Spring Boot, Docker, Azure Container Apps)

- Implemented a Spring Boot backend to calculate projectile trajectories at small time steps and return thousands of coordinates.
- Containerized the backend and deployed it on Azure Container Apps with Azure Container Registry integration.
- Rendered real-time projectile paths in the frontend for accurate and interactive physics simulations.

MovieMatch – Movie Recommendation Engine

(Python, NumPy, Pandas)

- Built a content-based system to suggest movies using user preferences.
- Processed large CSV datasets with metadata for accurate matching.
- Delivered recommendations via an interactive Jupyter Notebook.

Quizy – AI Quiz Generator & Analyzer

(Next.js, Gemini AI API)

- Created quizzes on any topic using Gemini AI integration.
- Displayed post-quiz analytics to track user performance.
- Designed a responsive, user-friendly interface.

EDUCATION

BITS Pilani *Pilani, Rajasthan, India*

Bachelors in Computer Science (2014 – 2018)

CERTIFICATIONS & ACHIEVEMENTS

- Tutedude MERN Stack Course – Jan'24 ([link](#))
- Winner - Club Hosted Web Design Competition([link](#))