SHIVAM KUMAR

Email: **shivamkumar_me24b17_046@dtu.ac.in**   LinkedIn | GitHub | Portfolio
Mobile: **9142921275**

EDUCATION

Year	Degree	Institute	CGPA/%
2024 - 2028	B.Tech	Delhi Technological University(DTU), New Delhi	8.6
2023	12th CBSE	New Modern Public School,Bihar	88%
2021	10th CBSE	Vidya Vihar Residential School, Bihar	94%

INTERNSHIPS AND WORK EXPERIENCE

- **Full stack Developer, TripXpay** | ⚲   *(May 2025 - present)*
  - Built and maintained full-stack features using React, Next.js, and JavaScript for a B2B travel-fintech platform.
  - Developed frontend components and integrated backend APIs for real-time "Travel Now Pay Later" workflows.
  - Improved performance and UI responsiveness, reducing page load time by ~30%

- **Frontend Developer (UI/UX), Outlier**   *(May 2025 - Aug 2025)*
  - Designed and improved UI/UX components for web interfaces, focusing on usability, responsiveness, and design.
  - Built interactive prototypes and layouts aligned with modern frontend standards and performance best practices.
  - Selected after leading a high-impact hackathon project evaluated by senior engineers.

PROJECTS

- **Pic2Pick** | ⚲   **Python, Streamlit, OpenAI CLIP, NumPy, Pandas**
  - Built an AI-powered visual similarity search system using OpenAI CLIP for embedding-based retrieval.
  - Implemented an image processing pipeline using Python, NumPy, and FAISS for fast similarity matching.
  - Developed a lightweight Streamlit app for real-time, image-based product discovery.

- **EcoShala** | ⚲   **React, JavaScript, HTML, CSS**
  - Built a gamified environmental learning platform using React, JavaScript, HTML, and CSS with real-world eco-activity tracking.
  - Developed AI-powered tools including a plant disease checker and a "Trash to Treasure" image analysis system.
  - Integrated reward mechanisms (points, badges) and a 3D India-focused eco explorer to improve engagement.

POSITION OF RESPONSIBILITIES

- **Hacker - EHAX**
  - Ehax is the official society of Ethical hacking and cybersecurity of DTU.
  - We create and play CTFs of different organizations.

- **Photographer - Parchhayi**
  - Documenting campus life and events with creativity and precision as a photographer in Parchhayi.

COURSES AND CERTIFICATIONS

- WebDev (Unstop) : Certificate of Completion

TECHNICAL SKILLS

- c++, Python, JavaScript, React, React-Native, Next.js, Streamlit, OpenAI CLIP, HuggingFace Transformers, NumPy, FAISS, Git/GitHub, Linux

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Winner of **Project Making Competition** organised by **ISRO** , 2023 | ⚲
- Winner of 2 inter-college hackathons for building real-world software solutions.
- Student Council - Headboy , QCC - Team Leader