YASHRAJ PAL

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OBJECTIVE

B.Tech Computer Science student with strong foundations in Data Structures, Algorithms, and Backend Development. Seeking opportunities to apply technical skills and contribute to innovative projects while continuously learning and growing.

EDUCATION

- **KIET Group Of Institutions** *Month Year*
  Pre-University Education Ghaziabad, India
  ◦ CGPA: 7.97/10

- **KV Public School** *April 2022*
  Secondary Education Meerut, India
  ◦ Grade: 76.67%

- **St. Thomas English Medium School** *April 2020*
  Higher Education Meerut, India
  ◦ Grade: 80.4%

PROJECTS

- **Social Sizer – *(Image Resizing Web App)*** *February 2025 - April 2025*
  Tools: Node.js, Express, MongoDB, Cloudinary, []
  ◦ Developed a **web application that automatically resizes and optimizes images** for multiple social media platforms, ensuring consistent quality across formats.
  ◦ Applied **Cloudinary image processing** to analyze dimensions and compress images, reducing file size while maintaining clarity.
  ◦ Implemented **Node.js + Express backend APIs** for handling image uploads and resizing logic, achieving **40% faster processing time** compared to manual methods.

- **TasteTube: [Food Video Recommendation Web App]** *September 2025 - October 2025*
  Tools: Node.js, Express, MongoDB, React, ImageKit, Vercel []
  ◦ Developed a web application that showcases short video reels of food items from various restaurants, enhancing user engagement through a visually rich experience.
  ◦ Designed and integrated RESTful APIs using Node.js and Express for fetching, uploading, and managing food reel data stored in MongoDB.
  ◦ Utilized ImageKit for video storage, compression, and streaming optimization, ensuring fast loading and smooth playback.
  ◦ Deployed the full-stack app on Vercel, achieving seamless performance and responsive UI across devices.

SKILLS

- **Programming Languages:** Java, Javascript, SQL
- **Web Technologies:** HTML, CSS, JavaScript, Node.js, Express
- **Database Systems:** MongoDB, MySQL
- **Tools:** Git, Github, Postman

CERTIFICATIONS

- **Postman:** Postman API Fundamentals Student Expert *September 2025*