YUGAL ARORA

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PROFESSIONAL SUMMARY

Detail oriented B.Tech Computer Science Engineering student (Graduating 2027) with hands on experience in frontend and full stack web development. Proficient in HTML, CSS, JavaScript, React, and Python, with working knowledge of Node.js, Flask, REST APIs, and databases. Experienced in building responsive web applications, implementing authentication, CRUD operations, analytics, and creative visual projects. Actively seeking internship or entry level roles to apply technical and problem solving skills in real world environments.

TECHNICAL SKILLS

Languages: JavaScript, Python
Frontend: HTML5, CSS3, React
Backend: Node.js (Basics), Flask, REST APIs
Databases: MongoDB, Firebase, Firestore, SQLite
Tools & Platforms: Git, GitHub, VS Code, AWS (Basics)
3D & Animation Tools: Blender (3D Modeling, Keyframe Animation, Motion Loops)

PROJECTS

Craft Project Planner — *React, Node.js, MongoDB [GitHub](#)*

- Developed a full stack project management web application for task planning and progress tracking
- Built responsive React UI with task creation, deadline tracking, and progress monitoring
- Designed RESTful APIs using Node.js and MongoDB with full CRUD functionality

E-Commerce Website — *HTML, CSS, JavaScript, React [GitHub](#)*

- Designed and developed a responsive e commerce website with product listing and cart functionality
- Implemented reusable React components to improve scalability and maintainability
- Optimized layout for cross browser and cross device compatibility

Smart Attendance Management System — *Python, Flask, SQLite [GitHub](#)*

- Developed a web based attendance system with role based access for students and teachers
- Implemented secure authentication and separate dashboards
- Generated attendance analytics and monthly graphical reports

Looping Toy Plane Animation — *Blender, 3D Animation*

- Designed and animated a 3D looping toy plane simulation using Blender

- Created a continuous animation cycle involving landing, straight line motion, and takeoff

- Implemented seamless looping through precise keyframe animation and motion control

- Rendered a final animation video demonstrating 3D modeling and animation workflows

- **Video Demo:**
  https://drive.google.com/file/d/1d5waDKU3G4I9ld2jmCwhFdalivpeC153/view?usp=drive_link

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EXPERIENCE & TECHNICAL ACTIVITIES

Python Development Bootcamp – Udemy | Feb 2023

- Completed a 58 hour intensive bootcamp covering Python, APIs, automation, and web development basics

Participant – Code A Hunt Hackathon (Coding Block & LPU) | Feb–Mar 2024

- Collaborated in a 24 hour hackathon solving real world problems through team based coding

AWS Cloud Club – GitHub Session, LPU | Sep 2023

- Learned GitHub version control, repository management, and collaborative workflows

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EDUCATION

Lovely Professional University (LPU) — Punjab
Bachelor of Technology (B. Tech) in Computer Science Engineering
Expected Graduation: 2027

Meerut Public School, Meerut
Class XII (CBSE) — 2023

Meerut Public School, Meerut
Class X (CBSE) — 2021

CERTIFICATIONS

- Front End Development & Responsive Web Design — freeCodeCamp (2023)

- JavaScript & React — Learnx (2025)

- Python Development — Infosys / Udemy (2024–2025)

- Data Structures & OOP — neoColab (2024)

- Git & GitHub Essentials — AWS Cloud Club (2023)

- Build Generative AI Apps and Solutions with No Code Tools — Infosys Springboard (2025)

- Computational Theory: Language Principle & Finite Automata Theory — Infosys Springboard (2025)

VOLUNTEERING & COMMUNITY ENGAGEMENT

Creativity Head – Spade Club

- Led creativity initiatives, conceptualized events, and managed engaging content to enhance student participation
- Coordinated with team members to deliver visually appealing and well organized events

Cameraman – GitHub Club (LPU)

- Managed photography and videography for technical and community events
- Supported event documentation and strengthened the club's digital and social media presence

Volunteer – Zen Vest Club (LPU)

- Assisted in organizing and managing a stock market awareness event
- Ensured smooth execution, participant coordination, and effective audience engagement

Participant – Tekken 8 Gaming Event

- Secured **2nd position** in an inter college Tekken 8 gaming competition
- Demonstrated strong strategic thinking, focus, and adaptability under pressure

Participant – Essay Writing, Rachna A LifeFest Season 4 (LPU)

- Represented the institution at an interschool literary fest
- Showcased creativity and strong written communication skills