Gourav Dash

📍 Delhi ✉ gaurav.dash05@gmail.com 📞 8810228783 🔗 GouravDash.tech in Gourav Dash ⚘ GariFFon

Education

B.Tech Computer Science Engineering — *Lovely Professional University* — **CGPA: 7.8/10.0**   *2023 - 2027*
- Relevant coursework: Data Structures & Algorithms, Database Management, Software Engineering, Operating Systems
- Active member of the university's coding club and participated in technical workshops

High School (CBSE) — *Lovely Public Senior Secondary School, New Delhi* — **74.7%**   *2022 - 2023*

Experience

President, Atal Tinkering Laboratory (ATL) — *Lovely Public Senior Secondary School*   *2019 - 2023*
- Led team of innovative minds, progressing from member to President over 4 years
- Won "Inspire Manak Awards" for Smart-Safety Helmet design (INR 10,000 prize)
- Managed multiple technical projects and won numerous hackathons
- Organized workshops for junior members on electronics, programming, and design thinking
- Collaborated with teachers and industry professionals to develop hands-on learning experiences

Publications

CPU Scheduling Algorithms — IJARIIT ☑   Oct 2025

Key Projects

YouTube Comment Analyzer — *React.js, TypeScript, Tailwind CSS, Express.js, YouTube Data API v3*   *Nov 2025*
- Full-stack web application that fetches and analyzes YouTube comments with smart categorization into Questions, Jokes, and Discussions
- Implemented advanced Trie data structure for fast prefix-based search with $O(m)$ time complexity
- Built interactive data visualizations using Recharts with YouTube-themed design and glassmorphism effects
- Integrated YouTube Data API v3 for real-time comment fetching with TanStack Query for state management

AI Culture Guide Chatbot — *Python, Flask, JavaScript, NLP APIs*   *Jan 2025*
- AI-powered chatbot with natural language processing for cultural guidance
- Enhanced cultural knowledge accessibility by 85%, 92% user satisfaction rating
- Implemented adaptive learning mechanisms to personalize user experiences
- Integrated with external APIs to expand the cultural knowledge database

Technologies

Languages: C/C++, Java, Python, JavaScript, TypeScript — **Frontend:** HTML5, CSS3, React.js, Next.js, Tailwind CSS — **Backend:** Node.js, Express.js, Django, PHP — **Databases:** MongoDB, PostgreSQL — **Tools:** Git, Linux, Figma

Languages & Skills

Languages: English (Read, Write and Speak), Hindi (Read, Write and Speak), Odia (Speak)

Soft Skills: Leadership, Team Management, Communication, Problem-solving, Critical Thinking, Adaptability, Time Management

Competitive Programming

ICPC-2025 (Institute Topper) — **LeetCode** ☑: Rating 1674, Top 15%, 365 Days Badge, 442 problems solved — **CodeForces** ☑: Rating 1010 (Pupil), 84 problems solved — **CodeChef** ☑: Rating 1271, 7 problems solved

Key Certifications & Achievements

Meta: Front-End Development ☑ — **Google:** Computer Networking ☑ — **Udemy:** C++ Programming ☑, Leadership Mastery ☑ — **Achievements:** State-level Badminton Player, Musical Degree in Guitar