KOMMU HARI KISHAN

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech, Math & Computing	Indian Institute of Technology, Patna	6.54(current)	2023-27
Senior Secondary	Sri Chaitanya Junior College	92.3%	2020-22
Secondary	NS Grammer High School	9.8	2020

WORK EXPERIENCE

- **Allin1Calculator-Team Project**   **Source**
  Techplement (Frontend Developer Intern)   *(June-July,2025)*
  - Developed a modular calculator app with 5+ tools (Basic, Scientific, BMI, Finance, Unit Converter), optimizing UX across 100% of use cases.
  - Implemented 15+ **React** components with **Tailwind CSS**, maintaining 100% mobile responsiveness.
  - Leveraged **OpenAI** for planning and debugging assistance, reducing development time by 30 %.
  - Collaborated in a 4-member team, boosting delivery efficiency by 25 %.

- **Student Upskilling Launchpad**   **Remote**
  Google   *(Apr 2025-May2025)*
  - Enhanced technical communication and problem-solving through 5+ guided mock sessions, 50+ curated DSA problems, and timed interview drills, boosting speed, accuracy, and confidence in real-world coding scenarios.

- **AI-Powered Social Media Content Automation**   **Workshop**
  OpenAI x Nxtwave Buildathon'25   *(August 2025)*
  - Deployed an AI-powered workflow with n8n to streamline 100% of the content posting on LinkedIn and X, reducing manual effort by 90%
  - Incorporated OpenAI models to generate platform-specific summaries, boosting engagement by 30%
  - Streamlined multi-platform publishing with real-time updates, optimizing efficiency and maintaining consistency by 50%.

PROJECTS

- **File Encrypter – Secure File Encryption Tool**   **Source**
  Personal Project   *(2025)*
  - Built a cross-platform **C++** file encryption tool using **AES-256**, securing files up to **500+ MB** with safe key handling.
  - Enabled multi-file encryption/decryption, password protection, and robust I/O handling, reducing failures by **90%**.
  - Developed an optimized CLI supporting **10+ files** per run, improving execution speed by **35%**.

- **AI-Voice-Agent**   **Source**
  Murf AI   *(August 2025)*
  - Created a FastAPI + HTML/CSS/JS voice interface capable of supporting 50+ concurrent sessions.
  - Incorporated Gemini LLM, AssemblyAI STT (>95% accuracy), and Murf AI TTS for natural response generation.
  - Deployed session-based chat history and real-time voice-to-voice interaction pipeline.

TECHNICAL SKILLS

- **Programming:** C, C++, Python
- **CS Fundamentals:** DBMS, OOPs, Computer Networking*, Operating Systems*
- **Frameworks & Libraries:** FastAPI, Matplotlib, Pandas, NumPy, Scikit-learn
- **Web Development:** HTML, CSS, UI/UX (Basics), ReactJS*, Tailwind CSS*, MongoDB*
- **Developer Tools:** VS Code, Logisim, Figma, Canva, Pixellab, Git, GitHub, LaTeX, Google Colab
- **Related Courses:** Data Structures & Algorithms, Theory of Computation, Graphs Theory, Gen AI, Probability.
- **Ongoing Learning:** JavaScript, Tailwind CSS, MERN Stack (MongoDB, Express.js, React.js, Node.js), AWS

ACHIEVEMENTS / POSITIONS AND RESPONSIBILITIES

- **Organising Committee Member, Inter-IIT Tech Meet 14.0 (2025)** – Played a key role in planning, coordination, and successful execution of inter-college technical events at IIT Patna.
- Solved **450+** problems across platforms like **Codeforces**, **Codechef**, and **Leetcode** consistently
- Secured an **All India Rank** of **7749** out of more than **0.17 million** candidates in JEE Advanced 2023.
- Co-Mentor and Mentor, **Student Mentorship Program (SMP)**, IIT Patna (2024–2025)–Providing guidance and support to junior batches.
- Volunteer, **CCDC Training Team (Placement Cell), IIT Patna**. Supporting training and placement activities to improve student employability.