

Ansh Srivastava

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TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, SQL (Postgres), HTML/CSS, PHP
Frameworks & Tools: React, Node.js, Express.js, Flask, EJS, Git
Libraries: pandas, NumPy, Matplotlib
Soft skills: Leadership, Problem Solving & critical thinking, Communication, Teamwork

EDUCATION

Kalinga Institute of Industrial Technology <i>Bachelor of Technology in Computer Science & Engineering CGPA: 8.86</i>	Bhubaneswar, India 2022 – 2026
Narayana Institue <i>CBSE Class - XII Aggreagate: 87.2%</i>	Asansol, India 2022

PROJECTS

CommentAnaly | *React, Flask, VADER, Youtube-Data API, PostgreSQL* [Github](#)

- Developed a **full-stack web application** to analyze sentiment across YouTube video comments using **VADER NLP**.
- Visualized **sentiment distribution** (Positive, Negative, Neutral) with a dynamic pie chart, achieving **33** comments per second processing speed after analyzing 100+ videos, enabling real-time insights for improved decision-making.
- Implemented **PDF export** functionality, allowing users to download sentiment analysis reports for future reference.

Luxora | *React, Nodejs, ExpressJs, Postgres, Puppeteer* [Github](#)

- Engineered a full-stack web application to **aggregate and compare products across e-commerce platforms**(Amazon, Flipkart), minimizing search time and enhancing decision-making.
- Developed a scalable backend using Node.js, Express.js, and PostgreSQL, leveraging **Puppeteer** for real-time **web scraping** to fetch accurate product data.
- Optimized performance with efficient database queries and responsive design, enhancing user satisfaction.

Pictora | *React, Nodejs, MongoDB, Tailwind CSS* [Pictora](#)

- Spearheaded the design and development of a highly responsive landing page for an AI-driven text-to-image generation platform powered by the ClipDrop API.
- Engineered an intuitive **UI/UX**, enhancing user engagement and streamlining the conversion of **textual descriptions into high-quality images**.
- Optimized performance, accessibility, and responsiveness, ensuring seamless navigation across devices for a frictionless user experience.

EXPERIENCE

UiPath Student Community KIIT Jan 2024 – Present
Web Developer & Team Lead

- Collaborated in a cross-functional team of 10+ members to develop an AI-driven platform leveraging the ClipDrop API, transforming **1,000+ text descriptions into high-quality images**, enhancing automation and content generation.
- Organized and managed an **inter-college hackathon** on automation and bot development, ensuring seamless event execution and participant engagement. Led **100+ participants** to a successful and impactful competition.
- Directed video editing & photography for UiPath events, creating high-impact content that boosted social media engagement, garnering 50K+ views.

Tata Steel - SNTI Internship May 2024 – July 2024
Web Developer Intern [Github](#)

- Successfully completed a one-month internship at Tata Steel under the TATA PRASHIKSHAN program.
- Developed a PHP-based web application to streamline registration and feedback management, improving data processing efficiency by 40% and enhancing user feedback analysis, leading to a 25% improvement in organizational decision-making.

PUBLICATIONS

Published Research – IEEE Xplore [IEEE Xplore](#)
Co-Author: "Overflow Prevention and Wastewater Harmony: Innovative Strategies for Urban Drain Management"

- Co-authored a study on an **automated drainage system**, reducing **overflow incidents by 40%** and **improving energy efficiency by 25%** through **real-time monitoring** and **adaptive pump control**.