

# 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, Playwright, EJS, Git

**Soft skills:** Leadership, Problem Solving & critical thinking, Communication, Teamwork

**Coursework:** Data Structure Algorithms, Object-Oriented Programming, Operating System, Database Management, Software Engineering, Computer Networks

## EDUCATION

**Kalinga Institute of Industrial Technology**

Bhubaneswar, India

*Bachelor of Technology in Computer Science & Engineering CGPA: 8.95*

2022 – 2026

**Narayana Institute**

Asansol, India

*CBSE Class - XII Aggregate: 87.2%*

2022

## EXPERIENCE

**Software Developer Engineer in Test — Hyperbots**

May 2024 -Present

*Intern — Bengaluru, India*

- Developed and implemented Payment Verification Automation Script to validate payments made on specific dates by cross-verifying records between the ERP system and MongoDB database, improving accuracy and reducing manual verification efforts.
- Led end-to-end client go-live testing by continuously monitoring, analyzing, and translating requirements, collaborating with developers for effective solution delivery, and conducting thorough UI and API testing to ensure successful deployment
- Automated UI testing using Playwright, enhancing test coverage and accelerating detection of user interface defects within core functionalities
- Reported multiple bugs and workflow inconsistencies to the development team with detailed documentation and test evidence, directly contributing to a 20% improvement in system reliability

**UiPath Student Community KIIT**

Jan 2024 – May 2025

*Web Developer & Team Lead — Bhubaneswar, India*

- 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**.

## PROJECTS

**CommentAnaly** | *React, Flask, VADER, Youtube-Data API, PostgreSQL*

[Github](#)

- Designed a **full-stack web application** using React, Node.js and Express to analyze sentiment across 100+ videos using **VADER NLP**, improving decision-making speed.
- Developed a real-time **sentiment analysis** dashboard displaying positive, negative, and neutral distributions, processing **33** comments per second across 100+ videos, and providing immediately actionable insights.
- Implemented **PDF export** functionality enabling 100+ users to download sentiment analysis reports, improving report accessibility and long-term reference usability

**Luxora** | *React, Nodejs, ExpressJs, Postgres, Puppeteer*

[Github](#)

- Engineered a full-stack web application to aggregate and compare **1,000+** products across e-commerce platforms (**Amazon, Flipkart**), reducing user search time by 40% and enhancing purchasing decisions.
- Developed a scalable backend using Node.js, Express.js, and PostgreSQL, integrating Puppeteer to perform real-time web scraping of 500+ product listings daily, ensuring accurate and up-to-date data retrieval.

## 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**.