

# Aditya Krishna

Software Development Intern

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## Summary

Passionate Computer Science student with strong programming skills in C/C++, Java, and Python, specializing in full-stack development and cloud computing (AWS). Certified in Postman API and Microsoft Career Essentials. Awarded the INSPIRE Scholarship by the Govt. of India. A quick learner with a problem-solving mindset, strong analytical skills, and leadership experience in extracurricular activities.

## Skills

**Programming Languages:** C/C++, Java, Python, HTML, JavaScript

**Database Management:** SQL, MySQL, Oracle

**Web Development:** HTML, CSS, JavaScript, NodeJs, ReactJs

**Cloud:** AWS (EC2, S3, Lambda, IAM)

**Tools & Frameworks:** Postman API, Git, OpenCV, PyGame

**Concepts & Paradigms:** Data Structure And Algorithm (DSA), Object Oriented Programming (OOP) Java

**Languages:** English, Hindi, Maithili, Bengali, Marathi

## Education

**Kalinga Institute Of Industrial Technology, Bhubaneswar**

*B.Tech in Computer Science*

Sep 2022 – Present

*CGPA: 8.03*

**Mary Gardiners Convent High School, Lucknow**

*12th Standard*

Apr 2021 – Mar 2022

*Marks: 75.2%*

**Kendriya Vidyalaya AMC, Lucknow**

*10th Standard*

Apr 2019 – Mar 2020

*Marks: 92.8%*

## Certification

- Postman API
- Career Essentials in Software Development, LinkedIn and Microsoft
- Career Essentials in Generative AI, LinkedIn and Microsoft
- Career Essentials In Data Analysis, LinkedIn and Microsoft

## Experience & Projects

**HAND TRACKING MIDI CHORD SYSTEM** [Link](#)

2025

- Implemented real-time hand detection and finger tracking using OpenCV and CVZone to trigger musical chords when specific fingers are raised.
- Created a D major scale chord mapping system with sustained notes and multithreaded chord management for smooth musical transitions.

**FAKE REVIEWS DETECTION** [Link](#)

2025

- Developed a Chrome extension using machine learning (SGD Classifier) that analyzes product review authenticity with 85% accuracy, helping users identify potential fake reviews.
- Built a Python Flask backend with NLP processing that provides real-time authenticity assessment and sentiment analysis of review text.
- Implemented responsive UI with custom animations that enables one-click analysis of selected text across any website.

**VIRTUAL INTERNSHIP OF AWS ON NATIONAL INTERNSHIP PORTAL**

Oct 2024 – Dec 2024

- Designed and deployed scalable cloud infrastructure using AWS EC2, S3, IAM.
- Automated cloud workflows using AWS CLI, SDKs.

## Volunteering

- Lead, Dramatics Society of KIIT (KALAKAAR x KASH)
- Member, KIIT NSS & Youth Red Cross

## Awards

**INSPIRE Award**

*Dept of Science and Technology, Govt Of India*

- INSPIRE Award Recipient - Selected under the Innovation in Science Pursuit for Inspired Research (INSPIRE) scheme by the Department of Science & Technology, Govt. of India.
- Awarded Rs. 10,000 grant for developing an innovative science project model.