

# AASHITA DASH

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## RESUME SUMMARY

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Motivated and quick-learning Computer Science undergraduate with strong fundamentals in Data Structures, Algorithms, and Object-Oriented Programming. Skilled in Java, C, Python, and JavaScript, with hands-on experience in full stack web development using HTML, CSS, JavaScript, React, and Firebase. Completed multiple verified courses from edX and contributed to real-world projects and hackathons.

Actively exploring Artificial Intelligence and Machine Learning, aiming to apply intelligent solutions to real-world problems.

In addition to technical skills, I have **experience as a content writer**, contributing to technical blogs, academic projects, and community platforms like the **Kamakshi Society**. I bring clarity, creativity, and strong communication skills to create engaging, informative content tailored to diverse audiences.

Eager to leverage both my **technical and writing skills** through impactful opportunities in software development, AI-focused roles, or tech-based content writing.

## EDUCATION

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**Bachelor of Technology (Computer Science And Engineering),**

KIIT Deemed University, Bhubaneswar

2023-Present

8.92 CGPA

**12<sup>th</sup> Science,**

LRDAV Public School, Cuttack,

2020-2022

93%

**10<sup>th</sup> CICSE,**

St. Joseph's Girl's High School, Cuttack,

2008-2020

95.8%

## TECHNICAL SKILLS

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- **Programming Languages:** C, Java, Python, JavaScript
- **Software Development:** Data Structures & Algorithms, Object-Oriented Programming
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** SQL
- **Tools & Frameworks:** Git/GitHub, Fusion 360 (PCB Design), Linux
- **Content & Creative Skills:**

- ❖ **Content Writing & Blogging**
- ❖ **Creative Writing**
- ❖ **Digital Marketing**
- ❖ **English Proficiency** – Spoken & Written
- **Mathematics & CS Fundamentals:** Discrete Mathematics, DFA, Set Theory, OS

## INTERNSHIPS

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- **iStudio** – AWS Intern (*July 2025 - August 2025 via iCAT Selection*)
- **Oasis Infobyte** – Web Development Intern (June 2025 – July 2025)
- **Skill Ladders** – Intern – On-job Training & Live Project (July 2025 – August 2025)
- **Prodigy InfoTech** – Data Science Intern (June 2025-July 2025)
- **YBI Foundation** – AI & Generative AI Intern (May 2025 – June 2025)
- **The Website Makers** – Internship Trainee (April 2025 – May 2025)

## CAMPUS ROLES

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### Lead – Public Speaking & Content Teams

*Kamakshi Society, KIIT University*

**June 2025 – Present**

- Leading both the Public Speaking and Content teams.
- Organizing events, mentoring team members, and managing team operations.
- Overseeing content planning, editing, and delivery across various platforms.
- Coordinating public speaking workshops and competitions.

### Member – Public Speaking & Content Teams

*Kamakshi Society, KIIT University*

**September 2024 – Present**

- Contributed to event scripting, speech curation, and content creation.
- Participated in ideation and delivery of talks and written materials.
- Collaborated with fellow members to build a vibrant campus community.

### Campus Ambassador

*Wayspire Ed Tech Pvt. Ltd. — Remote*

**Feb 2024 – Mar 2024**

- Represented Wayspire at KIIT University to promote training and internship programs

- Organized and executed marketing campaigns and events to boost brand visibility
- Built partnerships with student groups and campus organizations
- Brought in participants for various training programs through peer engagement
- Provided feedback and marketing insights to the Wayspire team

## EVENTS AND PARTICIPATIONS

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- **Road Safety Hackathon – Concept Note Submission**  
*Unstop · Issued Apr 2025*  
Credential ID: 1d972742-0d66-44d0-bd32-6df30a0a5a42
- **DebugOn – Business and Entrepreneurship Conclave (BCon'25)**  
*eDC IIT Delhi · Issued Jan 2025*  
Credential ID: 529d7ece-5519-4b98-a064-57a826dc0dbb
- **ALL INDIA NCAT – Certificate of Participation**  
*Issued by Naukri.com · May 24, 2025*

## CERTIFICATIONS

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- Front-End Development with React V2 – Coursera
- HTML5 Coding Essentials – edX
- Java Programming: Basic Skills – edX
- Introduction to SQL – edX
- Introduction to HTML, CSS & JavaScript – Coursera
- AI Tools Workshop – Be10x
- Leadership Skill Assessment – LearnTube.ai
- Common Internship Test – Internship Studio
- Industry 4.0 & Industrial IoT – TechBairn
- Verizon Skill Forward Orientation – edX

## PUBLICATIONS

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- **“Generative Artificial Intelligence: Opportunities, Challenges, and Ethical Considerations”**  
*Published in the International Journal of Science and Advanced Technology (IJSAT)*  
*May 2025*  
[Read here](#)  
This research paper explores the vast potential of generative AI, its future applications, and the ethical dilemmas surrounding its adoption in real-world scenarios.

## PROJECTS

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### Astable Multivibrator PCB Design

- Designed and developed a custom **50mm x 50mm PCB** for an astable multivibrator circuit using **Autodesk Fusion 360** for 3D modeling and PCB layout.
- Reduced design errors by **30%** through precise modeling and layout optimization.

- Simulated the circuit in **TINA-TI** to ensure accurate oscillation frequency (~1 kHz) before fabrication.
- Used **BC547 transistors**, **10kΩ resistors**, and **100μF capacitors** to build a stable oscillating circuit.
- Successfully fabricated and tested **three working prototypes**, enhancing skills in **circuit design**, **PCB layout**, and **hardware prototyping**.

### Empirical Study of Sorting Algorithms

- Designed and executed comparative performance analysis of sorting algorithms, measuring execution time and memory usage across 1000 randomly generated datasets, pinpointing optimal algorithms for varying data characteristics and improving efficiency.
- Developed and benchmarked seven fundamental sorting algorithms, including Bubble Sort and Quick Sort, enhancing understanding of time complexity across diverse datasets, and demonstrating proficiency in foundational computer science principles.
- Measured **execution time and comparisons** using `srand()` for consistent data generation
- Visualized results with **graphs and tables**

### Kirana Onboarding Platform

- Developed a web-based platform to help local **Kirana stores** digitize their inventory and operations
- Built using **React, Firebase, and JavaScript** for a seamless user experience
- Integrated **user authentication and real-time database management** to enable smooth onboarding

### Web Development Projects

- Developed several projects using **HTML, CSS, JavaScript, React**
- Created **responsive and dynamic web applications**

## **COURSEWORK**

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- Data Structures & Algorithms
- Object-Oriented Programming in Java
- Operating Systems
- Computer Organization and Architecture

## **ACHIEVEMENTS & COMPETITIVE PROGRAMMING**

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- Solved **50+ problems** on LeetCode, Hackerrank and CodeChef
- Active participant in coding contests
- Published research paper on Generative AI in an international journal
- Selected as Team Lead for Content and Public Speaking at Kamakshi
- Completed 4+ internships in core tech domains
- Built and deployed multiple real-world projects using React, Firebase, JS
- Maintained a consistent CGPA of 8.92 in Computer Science Engineering

## EXTRACURRICULARS & LEADERSHIP

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- Working on improving **public speaking & stage presence**
- Participated in college coding clubs and hackathons

## INTERESTS

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- Competitive Programming
- Web & Software Development
- Machine Learning & AI

## SOFT SKILLS

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- Communication
- Teamwork
- Leadership
- Time Management
- Adaptability
- Problem-Solving
- Creativity
- Critical Thinking
- Initiative
- Public Speaking