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SUMMARY

Dynamic and resourceful individual with strong passion for **creativity and innovation**. Known for being a **quick learner**, can easily **adapt** to new challenges and deliver efficient solutions in fast-paced environments. Problem-solving skills complemented by keen attention to detail and commitment to punctuality, ensuring tasks completed on time and with precision. Thrive in collaborative settings, consistently bringing fresh perspectives and ideas to table. With focus on delivering **high-quality results**, aim to make **meaningful impact** in any project undertaken.

EDUCATION

Institute of Technical Education and Research, SOA

Bhubaneswar, Odisha

BTech, Computer Science Engineering | **CGPA: 9.16** (till 6th Semester)

July 2026

6th Semester SGPA: 9.65

DAV Public School, Kalinga Nagar

Bhubaneswar, Odisha

Class 12 | **Score: 83.8%**

July 2022

Class 10 | **Score: 91.7%**

July 2020

INTERNSHIP

Research & Development Intern

December 2025 – August 2025

Samsung R&D Institute India

Remote

- Worklet: 4GAI31 Enhancing character consistency in AI-generated images
- Collaborating in a team of 5, including professors and mentors, to enhance AI image consistency.
- Gaining knowledge on diffusion models and their role in improving image generation.
- Conducting quantitative analysis and user studies to benchmark improvements.

PROJECT EXPERIENCE

Coding Forum 

January 2025 – April 2025

Full Stack Group Project

- **Built a full-stack technical discussion platform** with Stack Overflow-style Q&A features using the **PERN stack** (PostgreSQL, Express.js, React.js, Node.js).
- Designed and built the home feed page, integrating API connections to the backend for dynamic content retrieval.
- Implemented a modal prompt to request a username from users who have not set one, enhancing profile completeness.

Hospital Management System 

August 2025 – Present

DevOps Group Project using Agile Methodology

- **Automated deployment** of a containerized full-stack application on AWS using Docker and Elastic Container Registry (ECR).
- **Designed and implemented a secure, scalable VPC architecture** with isolated RDS database in private subnets.
- **Resolved complex deployment challenges**, including IAM permissions, database connectivity, and CORS configurations.

SKILL SET

Programming languages: C, C++, Java, Python

Frameworks and other tools: HTML, CSS, Tailwind CSS, React, PostgreSQL, Git, Jira, VS Code

Domain Skills: SQL, DBMS, DSA, Networking, REST APIs

Soft Skills: Leadership, Team Collaboration, Communication, Problem Solving

SOCIAL WORK

Volunteered for Youth for Sustainability

August 2020 - August 2021

- Designed and donated an **eco-friendly board game** to educate children on sustainability. And conducted **awareness sessions** on sustainable habits in remote villages.
- Researched and curated articles for a **climate news bulletin**.