

ADITYA RAY

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EDUCATION

GIFT Autonomous, Bhubaneswar

B.Tech - Computer Science and Engineering - CGPA - 8.29

Sept 2022 – May 2026

Bhubaneswar, Odisha

Bajragiri Higher Secondary School

Intermediate in Science - Percentage - 73%

Aug 2020 – Mar 2022

Jajapur, Odisha

INTERNSHIPS

Striving Squad Pvt Ltd

Front-End Intern

Jun 2024 – Jul 2024

Bhubaneswar, Odisha

- Focusing on HTML and CSS to build responsive and user-friendly web pages.
- Utilized XAMPP for local hosting and testing, ensuring smooth and efficient functionality during development.

SDI Bhubaneswar

Embedded System Intern

Jul 2023 – Aug 2023

Bhubaneswar, Odisha

- Learned the C programming language and implemented it in embedded systems.
- Gained knowledge about the operation of Rugged Board, WE10 module, and RFID cards .

PROJECTS

Real Time Disaster Alert Web

Apr 2025

- Developed a real-time disaster alert web application that fetches data from multiple public APIs and detects nearby natural disasters based on the user's location.
- Implemented automated alerts via SMS, push notifications, and in-app warnings to promptly notify users during emergencies.

Anti-Theft Flooring System

May 2025

- Designed and implemented an anti-theft flooring system using Arduino, piezoelectric sensors, and a buzzer to detect unauthorized pressure-based movement when no one is home.
- Triggered real-time alerts via buzzer sound to notify nearby surroundings of potential intrusion, enhancing home security through sensor-based automation.

Access Control System

Aug 2024

- Implement a system using RFID cards, biometric scanners, or keypads to regulate entry to secure areas.
- Utilize rugged board , we10 module ,RFID cards, along with sensors and actuators, to manage access permissions.

Develop Front-End for Chef Booking Webpage

Jul 2024

- Developed responsive, user-friendly web pages for the Chef booking webpage using HTML and CSS.
- Enhanced mobile compatibility and optimized page load speed for better user experience across devices.

Automatic Fire alarm Using Arduino Uno

Jan 2023

- Utilize Arduino Uno with a fire sensor module to detect fire or abnormal temperatures.
- Incorporate alarm devices like buzzers or LEDs for alerting and ensure safety measures during setup and testing.

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, SQL.

Technologies/Frameworks: HTML5, CSS3, Bootstrap.

Developer Tools: VS Code, Linux, Eclipse IDE, Github.

EXTRACURRICULAR

- Awarded **Gold Certification** by NASSCOM for excellence in **Big Data analytics** course, demonstrating strong foundational and practical knowledge in handling large-scale data.
- Earned **Elite + Silver** certification in NPTEL's "**Introduction to Industry 4.0 and IoT**," showcasing advanced understanding of modern industrial technologies and IoT systems.
- Actively participated in **GIET Hackathon Innovatex 2025**, contributing to innovative tech-driven solutions and collaborative problem-solving in a competitive environment.