

# Avilasha Bhattacharyya

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## Education

**Kalinga Institute of Industrial Technology**

*Bachelor of Technology - Computer Science; GPA: 8.6*

**Bhubneshwar, Odisha**

*2021 - 2025*

**Techno India Group Public School**

*Intermediate ; Percentage: 82*

**Konnagar, West Bengal**

*2019 - 2021*

**St.Anthony's School**

*Matriculation ; Percentage: 88*

**Chandannagar, West Bengal**

*2008 - 2019*

## Technical Skills

**Languages:** C, C++, Java, SQL, Python

**Web Technologies:** HTML, CSS, JavaScript, React Js

**Related Coursework:** OOPs, Operating System, Data Structure, DBMS, Computer Networking

**Tools:** Microsoft Word, Excel, PowerPoint Presentation, Power BI

**Soft Skills:** Leadership, TeamWork, Communication, Active Listening

## Work Experience

**CodeClause Pvt Ltd**

**Sept 2023 – Oct 2023**

*Python Development Intern*

*Remote*

- Developed a "Text Editor" application using Python library Tkinter, allowing users to create, edit, and save text files with various features and functionalities.
- Created a "Music Player" application using Python and Tkinter, enabling users to play, pause, skip tracks, and manage playlists with an intuitive graphical interface.

## Projects

**Chat with Multiple PDF - Python**

- This project utilizes Streamlit to create a web application that allows users to chat about multiple PDF documents.
- Enabled chat functionality across multiple PDFs using FAISS vector embeddings.

**Portfolio Website - HTML, CSS, Javascript**

- Created a Portfolio website using HTML, CSS, and JavaScript to showcase professional achievements and skills.
- Implemented responsive design and interactive features to enhance user experience and engagement on the website.

**Research Paper on: Smart Farming using IoT - (Group Project)**

- This paper presents a comprehensive overview of Smart Farming using Internet of Things.
- Developed soil health metrics tracking method and conducted graphical comparisons of crop types based on diverse environmental factors.

**Autism Detection using Machine Learning - (Group Project) Python**

- Developed a classification model for early detection of ASD in individuals through feedback analysis.
- Implemented various classification algorithms like KNN and Naive Bayes, to accurately identify signs of ASD.
- Created a research paper explaining how we built the project, what we discovered, and how it could help find ASD early.

## Certifications

- **AWS Academy Graduate** (June 2024)
- **HackerRank SQL (Intermediate)** (August 2023)
- **HackerRank Problem Solving (Intermediate) Basic** (August 2023)
- **HackerRank Java (Basic)** (May 2023)

## Extra-Curriculars

- **Konnexions** : Currently serving as a valued member of the Web Development Team within Konnexions, the IT and Web Society of KIIT. Also, was a core member of the organizing committee for various technical events.
- **AEWS**: Volunteered with the Animal and Environment Welfare Society at KIIT, supporting animal welfare and environmental conservation efforts.
- **Delegate at KIIT International MUN** for Framework Convention on Climate Change for Sudan. (Oct-2023)