

# BRIJIT ADAK

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## Summary

Aspiring Software Engineer with foundational experience as a Full Stack Developer with experience in creating web systems. Skilled in Node.js, Express.js, React and other web technologies and open to learning new technologies as needed.

## Education

**BACHELOR OF TECHNOLOGY** - KIIT University

- Major: Computer Science and Engineering [CGPA: 9.14 / 10]

**Oct. 2021 – Aug. 2025**

Bhubaneswar, Odisha

**HIGHER SECONDARY AND SECONDARY** - Contai Model Institution

- Major: Physics Chemistry and Mathematics [Grade: A+]

**Mar. 2019 – April. 2021**

Contai, West Bengal

## Projects (Video Link)

- ✧ **My-Media (React)** | [React](#), [React-Router](#), [React-Library](#) | [\(GithubLink\)](#) **Jan 2025**
  - Designed and developed a React-based web app that enables users to efficiently search and explore comprehensive news articles.
  - To elevate the user experience, introduced seamless infinite scrolling, light/dark mode, a sleek progress bar, and a customized spinner for fluid content transitions and visual comfort.
  - Further enhanced functionality by enabling real-time news retrieval and intelligent location-based news fetching.
- ✧ **Outbreak Watch (Full Stack)** | [React.js](#), [Node.js](#), [Express.js](#), [PostgreSQL](#), [RESTful APIs](#) | [\(GithubLink\)](#) **Sep 2024**
  - Designed and Developed an interactive world map to visualize and keep track of countries affected by various illnesses outbreaks.
  - Implemented dynamic data management allowing users to add, update or remove outbreaks and affected regions in real time.
  - Designed a database to track and manage multiple illness outbreaks globally, ensuring accurate and efficient data management.
- ✧ **ASD Detection (Machine Learning)** | [Scikit-learn](#), [Keras](#), [Pandas](#), [NumPy](#), [Matplotlib](#), [Seaborn](#) | [\(GithubLink\)](#) **Apr 2024**
  - Developed a model which detects ASD using various ML and DL algorithms like ANN, Decision Tree, Random Forest, SVM, Logistic Regression, Naive Bayes, KNN, XGB and CNN achieving an accuracy of 91.67% from a dataset of 2500+ images.
  - Conducted a comparative analysis of model performance to identify the most effective algorithm for accurate ASD detection.

## Experience / Internship

**Web Developer Intern** - Code Clause

**Nov. 2023-Dec.2023**

- ✧ **Loyal Friend (Full Stack)** | [Node.js](#), [Express.js](#), [MongoDB](#) | [\(GithubLink\)](#)
  - Developed a pet adoption platform with Node.js, Express.js, and MongoDB for secure data storage and retrieval.
  - Enhanced authentication security using bcrypt for password hashing and custom middleware.
  - Ensured seamless user experiences with robust backend integration.

## Technical Skills

**Languages:** Java, JavaScript, TypeScript, SQL

**Frameworks / Libraries:** Java Collections, React, React Router, Node.js, Express, Tailwind CSS


**Tools:** Git, GitHub, Postman, VS Code

**Databases:** PostgreSQL, MongoDB

**Soft Skills:** TeamWork (Team Leadership), Critical Thinking, Problem Solving, Effective Communication

**Speaking:** English(Fluent), Bengali(Native), Hindi(Fluent)

## Profiles

-  [LeetCode](#)
-  [GitHub](#)
-  [Portfolio](#)
-  [HackerRank](#)

## Achievements / Extra Curricular

- Selected in K-200 in KIIT among 3500+ students.
- 5-Star Gold badge in Java and 5-Star Gold badge in SQL on Hacker Rank.
- National Scholarship Holder under CENTRAL SECTOR SCHEME OF SCHOLARSHIPS FOR COLLEGE AND UNIVERSITY STUDENTS.

## Courses / Certificates

- [Udemy](#) - Full Stack Web Development
- [Excelr](#) - Artificial Intelligence and Machine Learning