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 React.js, Express.js, Node.js and other web technologies and open to learning new technologies as needed.

Education

BACHELOR OF TECHNOLOGY - KIIT University   Oct. **2021 –** Aug. **2025**
- Major: **Computer Science and Engineering** *[CGPA: **9.14** / 10]*   Bhubaneshwar, Odisha

HIGHER SECONDARY AND SECONDARY - Contai Model Institution   X: **2019 ;** XII: **2021**
- Major: Physics Chemistry and Mathematics *[Grade: **A+**]*   Contai, West Bengal

Projects (Video Links)

✦ **My-Media** (React) | **React, React-Router, React-Library** | (GithubLink)   **Feb 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)   **Nov 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 do CRUD operations on 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)   **Jun 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

- Solved 450+ DSA questions at LeetCode.
- Selected in K-200 in KIIT among 3500+ students.
- 5-Star Gold badge in Java and SQL, 4-Star Silver badge in Problem Solving at Hacker Rank.
- National Scholarship Holder under CENTRAL SECTOR SCHEME OF SCHOLARSHIPS FOR COLLEGE AND UNIVERSITY STUDENTS.

Courses / Certificates (All Links)

- Udemy - Full Stack Web Development
- Excelr - Artificial Intelligence and Machine Learning