RAJ MATHUR

+91 8340637097 | rajmathur8409@gmail.com | linkedin.com/in/raj-mathur-778181258/ | github.com/Rajmathur-8

EDUCATION

International Institute of Information Technology   Bhubanewar, Odisha
Bachelor of technology in Computer Science, 2nd year   *Nov. 2022 – April 2026*
Course Work : Design and analysis, Data Structure, Algorithms, OOPS, MicroProcessor, Digital Electronics

ABOUT

Energetic and motivated second-year student pursuing expertise in Full Stack Development with a focus on Java technologies. With a strong foundation in both frontend and backend development, particularly utilizing Spring framework for Java backend, I am passionate about creating efficient, scalable, and user-centric applications.

PROJECTS

Todo Management App | *Java, SpringBoot, React, Jpa , Hibernate, Spring Security*   Feb. 2023 – March 2023
- Created a robust Todo application employing Java, Spring Boot, Hibernate, React, and Spring Security. Implemented CRUD functionalities ensuring seamless task management. Integrated Spring Security for authentication and authorization, bolstering data security. Designed an intuitive user interface for enhanced user experience and developed RESTful APIs for efficient data exchange between frontend and backend. Utilized agile methodologies for iterative development cycles, ensuring rapid project progression and responsiveness to user feedback.

HarvestHarbor | *Flask, Python, Streamlit, Tensorflow, HTML, CSS, JS, Etheriun, Sapolia*   Mar 2024
- Led the comprehensive development of Harvest Harbor, a pioneering agricultural platform intertwining machine learning models, blockchain technology, and user-friendly interfaces. Orchestrated the integration of four ML models to predict fertilizer usage, recommend crops, detect diseases, and forecast yields. Additionally, crafted a seamless user interface employing HTML, CSS, and JavaScript, facilitating direct connections to government schemes and enabling farmers to buy and sell products securely through blockchain integration.

Portfolio website | *HTML, CSS, JavaScript*   Mar 2024
- Developed a responsive To-Do List application using HTML, CSS, and JavaScript to enhance task management and productivity. The application allows users to add, complete, and delete tasks dynamically with an intuitive and visually appealing user interface. Created a responsive design using CSS media queries to ensure optimal display on various devices, including laptops, tablets, and smartphones. implemented dynamic task addition and deletion functionalities using JavaScript, enhancing user interactivity and experience.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySql), JavaScript, HTML/CSS,

Frameworks: React, SpringBoot, JUnit, Hibernate, Spring Security

Developer Tools: Git/Github, Docker, AWS, VS Code, Visual Studio, Eclipse, Intellij Idea, canva, Codeblocks

Libraries: JUnit, Mockito, Spring Boot Starter, Spring RestTemplate, Swagger

Others: DBMS, Problem Solving, Project Management, Leadership, Teamwork, Analytical Thinking

ACHIEVEMENTS

- Leetcode, rating - 1441 (250+ questions solved)
- HACKATHON : Hackfest (Top 4 out of 100+ teams) Developed an end to end project for farmers by integrating ML and Blockchain technology.
- HACKATHON : Smart Speedathon (Top 3) Developed an AI based ML model for College and Course recommendation system and made an end to end website for students integrating a chatbot.