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| **Projects** | |
| **Employee360 – Intelligent Employee Attrition Dashboard & Prediction Platform**   * Used **MERN stack** along with **Tailwind CSS** and **ShadCN** UI to build a full-stack web platform for employee management and attrition monitoring. * Integrated a **Python Flask** microservice using Scikit-learn to deploy multiple machine learning models, with **SHAP** explainability. * Tested REST APIs, ML service, and user workflows using **Postman**, managed containers using **Docker** and automated **CI/CD** deployment using **Jenkins**. * Provided secure login with role-based access, CRUD operations for employees, developed strong skills in ML pipeline deployment, CI/CD, and full-stack development.   **FITNUS – Fitness Tracking System**   * Used **HTML**, **CSS**, **Python**, and IoT devices programmed with **Arduino IDE** to build a fitness tracker and web-based dashboard to monitor workout history. * Tested device integration and data transmission between sensors and the web interface through Arduino IDE and Python-based backend scripts. * Implemented user login and dashboard view to display workout history.   **Taby – Collaborative Virtual Pet Web Game**   * Used HTML, CSS, **JavaScript**, **Node.js** and **MySQL** to build a browser-based real-time co-parenting game where users manage a virtual pet’s emotions (hunger, sleepiness, dirtiness, happiness). * Implemented secure login, co-parent relationships, pet emotion tracking, and infinite inventory system, persisting all actions in the centralized MySQL database. * Gained experience in requirement gathering, UML modeling, SDLC documentation. | |
| **Education** | |
| **B. Tech CSE, NIIT University** | **2022 to 2026** |
| CGPA-7.1 Data Structures, Object Oriented Programming, Operating System, Database Management Systems, Design & Analysis of Algorithms | |
| **XII, Nalanda Jr College (TS BIE)** | **2022** |
| **X, Regina Carmeli Convent High School (TS SSC)** | **2020** |
| **Skills** | |
| JavaScript, TypeScript, Python, SQL, React.js, HTML, CSS, Tailwind CSS, ShadCN UI, Node.js, Express.js, Python (Flask), REST API development, MongoDB, MySQL, Scikit-learn, Docker, Docker Compose, Jenkins (CI/CD), Git & GitHub, Postman, Arduino IDE | |
| **Certification** | |
| * **Machine Learning – Course Completion** *Teachnook in collaboration with WISSENAIRE IIT Bhubaneswar*, **date:** **15-12-2022,**   **Certificate ID: 2931508473**   * [Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud](https://www.cloudskillsboost.google/public_profiles/7f9efdfc-9a78-4808-9046-b107c4d29d75/badges/5784181?qlcampaign=1q-genai-834), **date:** **Oct26, 2023** * [Google Cloud Computing Foundations: Infrastructure in Google Cloud](https://www.cloudskillsboost.google/public_profiles/7f9efdfc-9a78-4808-9046-b107c4d29d75/badges/5777645?qlcampaign=1q-genai-834) , **date: Oct25, 2023** * [Google Cloud Computing Foundations: Networking & Security in Google Cloud](https://www.cloudskillsboost.google/public_profiles/7f9efdfc-9a78-4808-9046-b107c4d29d75/badges/5767037?qlcampaign=1q-genai-834), **date: Oct25, 2023** * [Google Cloud Computing Foundations: Cloud Computing Fundamentals](https://www.cloudskillsboost.google/public_profiles/7f9efdfc-9a78-4808-9046-b107c4d29d75/badges/5535674?qlcampaign=1q-genai-834), **date: Oct9,2023** | |
| **Positions of Responsibility** | |
| **Treasurer(Office Bearer), MarksmenNU Club**  **2024 Jan to 2025 Jan**   * Manage club finances, budgeting, and expense tracking for all club activities and events. * Train and mentor 30+ trainees and Coordinate with two additional team members to organize practice sessions and manage club logistics | |
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