AYESHA MOHAPATRA

ayeshamohapatra12@gmail.com | (+91) 7846868498
LinkedIn: linkedin.com/in/ayesha-mohapatra | GitHub: github.com/ayesha2104
LeetCode: leetcode.com/ayeshamohapatra

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Silicon University, Bhubaneswar, Odisha
Expected Graduation: December 2027 | CGPA: 8.88/10

TECHNICAL SKILLS

Programming Languages: Python, Java, C, JavaScript, HTML, CSS, SQL
Web Technologies: React, Node.js, Express.js, MongoDB, MERN Stack, REST APIs, Tailwind CSS
Machine Learning: Scikit-learn, XGBoost, SHAP, Pandas, NumPy
Tools and Platforms: Git, GitHub, VS Code, Jupyter Notebook, Oracle SQL
Operating Systems: Windows, Linux

PROFESSIONAL EXPERIENCE

Frontend Developer Intern | TechWalaa.in | Remote
June 2025 – Present

- Developed mobile-first, scalable frontend for hyperlocal e-commerce platform using React and Tailwind CSS
- Implemented location-based store discovery, live order tracking with map integration, and OTP-based authentication
- Improved application performance by implementing lazy loading, low-data mode, and modular reusable components
- Collaborated with backend development team to integrate REST APIs, enhancing system responsiveness and usability
- Deployed production-ready application accessible at qc-web.onrender.com

PROJECTS

Brainiacs – Productivity Application
Technologies: MongoDB, Express.js, React, Node.js, JWT, REST APIs, Tailwind CSS
GitHub: github.com/ayesha2104/Brainiacs

- Built full-stack role-based productivity application enabling teachers to assign homework and students to track tasks in real-time
- Implemented secure JWT authentication and developed RESTful APIs using Express.js and Node.js
- Designed responsive frontend using React and Tailwind CSS ensuring seamless cross-device user experience

Obesity Classification Using Machine Learning
Technologies: Python, Scikit-learn, XGBoost, SHAP, Pandas, NumPy, Matplotlib
GitHub: github.com/ayesha2104/Obesity-Classification

- Developed end-to-end machine learning pipeline to classify individuals into 7 obesity levels using lifestyle and dietary data
- Applied comprehensive data preprocessing, outlier detection using Isolation Forest and DBSCAN, and clustering using KMeans with LDA
- Trained and evaluated multiple ML models including Logistic Regression, Random Forest, SVM, KNN, and XGBoost achieving 96% accuracy
- Utilized SHAP values for model explainability identifying weight, diet, hydration, and physical activity as key predictive features

RELEVANT COURSEWORK

Object Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Organization and Architecture, Design and Analysis of Algorithms, Computer Networks