

SHATANIRA ROY

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EDUCATION

Academy Of Technology

B.Tech in Computer Science and Business Systems, CGPA : 9.15

Hooghly, WB

Grad : **June 2024**

St. Xavier's Institution

CLASS XII - 87.75% ('20), CLASS X - 93.6% ('18)

Kolkata, WB

TECHNICAL SKILLS

Technologies and Tools: Java, SQL, Github, VS Code, Jupyter Notebooks, HTML, CSS, JavaScript.

Coursework: OOPS, AI, Machine Learning.

Familiar: Azure cloud, Power BI.

SOFT SKILLS

Eager Learner: Continuously working on learning new technologies and tools.

Leadership Skills: Have remained in many leadership roles since school, like being the House-Captain/Vice-Captain.

Problem Solving: Found relevant solutions to address challenges encountered by my teammates throughout our project.

Creativity: Enjoy thinking creatively and designing new things.

PROJECTS

AQUA ALERT | Python, NumPy, Pandas, Matplotlib, Scikit-Learn

[Project Link](#)

- Developed a ML model which can detect a predefined set of 10 different contaminants present in the waste water with an **accuracy of 99.7%**.
- Utilized the **Random Forest Classifier** algorithm for the classification tasks of the samples.
- Trained the model with an dataset exceeding **1,50,000 samples**, enabling it to learn and adapt to changes.

CLONE WEBSITE | HTML, CSS

[Project Link](#)

- Designed and implemented a **clone website of Amazon** for an **e-commerce platform** specializing in farm-fresh products such as milk, dairy products, meat, and vegetables directly sourced from local farms.
- Leveraged **HTML and CSS** to develop an intuitive and **user-friendly interface**, ensuring seamless navigation and optimal user experience.

CERTIFICATES

- AZ-900: Microsoft Azure Fundamentals [Link](#)
- PL-900: Microsoft Power Platform Fundamentals [Link](#)
- Persistent Martian Summer Internship Program [Link](#)

HOBBIES

- Singing • Painting • Reading Books • Fitness