

DIPAYAN RANA

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EDUCATION

Maulana Abul Kalam Azad University Of Technology

MCA - CGPA - 8.70

08 2021 – 07 2023

Nadia, West Bengal

Vidyasagar University

BCA - Percentage - 74.34%

07 2018 – 06 2021

Contai, West Bengal

PROJECTS

Console-Based Guesser Game | Java, IntelliJ Idea Ultimate

MAR 2022

- Build an interactive console-based **Guesser Game** in **Java** using **IntelliJ Idea** that engaged participants in a captivating guessing game, involving the Guesser and three players.
- Utilized core **Object-Oriented Programming (OOP)** principles to ensure a **clean and modular code structure**.
- Fulfilled accurate **decision-making logic** in the **Umpire class**, ensuring precise **winner determination**.
- Provided **clear** and **user-friendly** messages to inform **players** about the game **results**.

Console-Based Banking Management System | Java, IntelliJ Idea Ultimate

NOV 2022

- **Created** a user-friendly console interface for efficient management of **bank accounts**, offering **deposit** and **withdrawal functionalities** using **Java with IntelliJ Idea**, enhancing understanding of core **OOP** concepts.
- Employed **Object-Oriented Programming (OOP)** to maintain a well-structured and maintainable **codebase**.
- Apply **robust exception handling** to gracefully handle user **input errors** and ensure **program stability**.
- **Produced** comprehensive **functionalities** for **opening** new accounts, **displaying** account details, and **performing transactions**.

University Discussion Forum | HTML, CSS, Bootstrap, JS

APR 2023

- Collaborated with a **team** of developers to plan and design the **frontend architecture** of a **University Discussion Forum**.
- Utilized **HTML, CSS, Bootstrap, and JavaScript** to create an engaging and responsive **user interface**.
- **Constructed** essential features for **post creation, editing, and comment functionalities**, enhancing the **user experience**.
- Conducted user **testing** and actively gathered **feedback** to continuously **improve** the **forum's usability and functionality**.

INTERNSHIP

Immensphere 

SEP 2022 – NOV 2022

Web Developer

Remote

- Successfully **contributed** as a Remote **Web Developer** Intern at **Immensphere**.
- Designed and developed a **"Weather Forecast Website"** using **HTML, CSS, and JavaScript**.
- Implemented **responsive design** principles to ensure an **optimal user experience** across various devices.
- Conducted rigorous **usability testing** and incorporated **valuable user feedback** for iterative **website enhancements and optimizations**.

TECHNICAL SKILLS

Languages: Java(OOPS ,Basic DSA), C, JavaScript, SQL .

Developer Tools: VS Code, Atom, IntelliJ Idea Ultimate, Xcode .

Technologies/Frameworks: HTML, CSS, Bootstrap, Git, GitHub, ChatGPT .

CERTIFICATIONS

Java DSA with System Design | PW Skills

FEB 2023 – Ongoing

- Pursuing training to master Java DSA and System Design principles.

Full Stack Web Development | iNeuron

JUN 2023 – Ongoing

- Ongoing comprehensive Full Stack Web Development studies.

Master Prompt Engineering and ChatGPT | academy.dhruvrathee.com

JUL 2023 – AUG 2023

- Proficient in AI-driven communication, adept at creating impactful content through advanced language models."