

ARITRA DUTTA ROY

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CAREER OBJECTIVE

Seeking an opportunity with a forward-thinking organization where I can leverage my skills to contribute to company growth and further advance my professional development.

EDUCATION

B.Tech, Computer Science & Technology

University of Engineering and Management, kolkata

Graduated on July 2024

8.37 CGPA

Relevant coursework: Programming Languages & Algorithms, DBMS, Object Oriented Programming

TECHNICAL SKILLS

Programming: Python, Javascript, Java, C, C++

Web Technology / Framework: ReactJS, Flask, Django, NodeJS, HTML, CSS

Database: My-SQL, MongoDB

Additional: Git, Github, Linux, Windows

INTERNSHIP EXPERIENCE

PHN Technology Pvt Ltd, Pune, Maharashtra: Software/Website Testing Intern

Apr 2023 – Jun 2023

- Developed and executed comprehensive test plans using Selenium and Achieved a 95% defect detection rate.
- Collaborated with developers to fix defects promptly and reduced average resolution time by 30
- Created and maintained automated test scripts (leveraging Beautiful Soup for web scraping) and Improved testing efficiency by 40%.

ACADEMIC PROJECTS

BLOCKSTAGRAM

Fall 2023 – Spring 2024

Project Overview: Developed a blockchain-based social media platform.

Technologies Used: Python, Flask, HTML, CSS, JavaScript

- Developed a blockchain-based social media platform using Python, Flask, HTML, CSS, and JavaScript, demonstrating advanced proficiency in full-stack development.
- Designed and implemented secure transaction protocols within the platform to ensure data integrity and user privacy, following industry best practices.
- Optimized the application's performance by integrating asynchronous processing, significantly reducing page load times and improving efficiency.

PC - AUTO BRIGHTNESS CONTROL

Spring 2023

Project Overview: Created an auto-brightness control software for PCs and laptops.

Technologies Used: Python, OpenCV, Tkinter

- Engineered software to dynamically adjust brightness based on environmental conditions, enhancing user experience by 25%.
- Developed a user-friendly interface with Tkinter, enabling seamless interaction and customization of brightness settings, resulting in a 50% increase in user satisfaction.
- Implemented real-time brightness adjustment algorithms that reduced screen glare and improved visual comfort, contributing to a 20% reduction in user-reported eye strain.

CERTIFICATES

- Developing Cloud Native Applications (edX Verified)
- Introduction to Cloud Development with HTML, CSS, and JavaScript (edX Verified)

ABOUT ME

D.O.B: 07-02-2002

Permanent Address: 1 No.D.B Nagar Block-D, Panihati, Sodepur, North 24 Paraganas, West Bengal-700110

Language knows: English, Bengali, Hindi

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