ARGHYADEEP BHOWMICK | 22MA40006

MATHEMATICS(2Yr. M.Sc.)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.SC(2YR)	IIT Kharagpur	7.18 / 10
2022	Bachelor of Science	University of Calcutta	7.909 / 10
2019	Higher Secondary Examination	West Bengal Council of Higher Secondary Education	79.4%
2017	Secondary Examination	West Bengal Board of Secondary Education	79.28%

INTERNSHIPS

Web Developer Intern | Hexfork, UK   **May 23' - July 23'**

• Proactively identified and resolved vulnerabilities in a codebase of **5K+** lines of code, enhancing system performance without disruption.
• Collaborated closely with developers to efficiently prototype and build multiple **UI components** for the company website, contributing to an enhanced user experience.
• Quickly acquired proficiency in new technologies like **ReactJS** and **Tailwind CSS**, enabling effective contributions within team collaborations and self-directed projects.

PROJECTS

My Creative Portfolio | Self Project

• Personal portfolio using **ReactJS**, **SCSS**, and integrated with **Sanity CMS** for dynamically updating content.
• Created responsive UI/UX and animations with **Framer Motion** for enhanced user experience.

Nike 2.0 - A modern Nike landing page | Self Project

• Developed a modern Nike landing page with **ReactJS**, emphasizing a seamless user experience.
• Utilized **Tailwind CSS** for responsive design and efficient styling and layout integration.

TasksMan - A smart task manager | Self Project

• Engineered a smart task manager which performs basic **CRUD**, operations using **NodeJS** and **ExpressJS** for backend, with **MongoDB** for robust database storage.
• Crafted a user-friendly interface through **HTML / CSS** to enhance the task management experience.

JobsNest - A cross-platform job search app | Self Project

• Developed cross-platform job search app using **React Native**, empowering users to explore and apply for diverse job listings seamlessly.
• Integrated **JSearch API** for seamless job data retrieval, ensuring efficient and user-friendly experience.

SKILLS AND EXPERTISE

• **Programming Languages and Libraries:** C, C++, STL, JavaScript, SQL*
• **Web Development and Frameworks:** HTML, CSS, Tailwind CSS, React, NodeJS*, ExpressJS*, React Native*
• **Software and Tools:** Git and Github, Postman*, Visual Studio Code, MS Office   *elementary proficiency

CERTIFICATIONS

• React Basics **| Coursera & Meta**
• Mastering Data Structures &Algorithms using C and C++ **| Udemy**

COURSEWORK INFORMATION

Programming Languages and Data Structures | Linear Algebra | Non-linear Programming | Numerical Analysis | Cryptography and Network Security | Probability and Statistics | Functional Analysis | Partial Differential Equations

AWARDS AND ACHIEVEMENTS

• Secured **All India Rank 114** in **IIT-JAM 2022.** (**Top 0.89%** amongst over 12000 candidates)
• Secured **3rd** position at PI day- Ashutosh College and rank holder in few other **Maths Quiz** competitions.
• **400+** questions solved on **LeetCode.**

EXTRA CURRICULAR ACTIVITIES

• Starting XI player in Intra-school football **Gold** winning team
• Invited by Gurudas College, Kolkata to give a **Seminar** on "Competative Exams' Preparation and Strategy"
• Part of the victorious RK Hall chess team that secured **Gold** in the General Championship.
• **Interests and hobbies:** Chess, Football, Spirituality and Meditation