Dhananjoy Chandra Das

MERN Stack Developer | Mathematics & ICT Tutor

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Career Objective

Driven by a strong foundation in mathematics, programming, and the MERN stack, I seek a MERN Stack developer position while advancing research in technology, climate change, public health, and anthropology. My goal is to contribute to impactful projects in AI, machine learning, and data science, while pursuing higher education and academic scholarships to enhance my expertise and contribute to global technological and social advancements.

Education

University of Rajshahi, Bangladesh   Jan 2022 - Present
B.Sc. (Hons.) in Mathematics   **CGPA: Pending**
Relevant Coursework: Algebra, Geometry, Calculus, Set Theory, Mechanics, Statistics, Real Analysis, Differential Equations, Tensor Analysis, Discrete Mathematics, Programming, Physics, Complex Analysis, PDE, Group Theory, Linear Algebra, Numerical Analysis, Topology, Operations Research, Differential Geometry, Hydrodynamics, Functional Analysis, Graph Theory, Astronomy, Number Theory, Statistical Methods, and Modern Physics

Dhaka Imperial College, Bangladesh   July 2017 – June 2019
HSC in Science   **GPA: 5.00/5.00**
Relevant Coursework: ICT, Physics, Chemistry, Higher Math, Biology

Skills

Languages: JavaScript, TypeScript, C, MATLAB, Fortran 90, Python (learning), R (learning)
Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js)
Technologies & Tools: Git & GitHub, Visual Studio Code, Postman, Netlify, Firebase

Work Experience

Private Tutor & Mentor   Nov 2017 - Present
- Provided comprehensive lessons in **Mathematics**, **ICT**, and **Physics** to high school and college students

Project Work

User Dashboard – MERN Stack Application   **Live Demo | Frontend | Backend**
Technologies Used: React.js, Redux, Node.js, Express.js, MongoDB, JWT

- Developed a dynamic user dashboard with **React.js** and **Redux** for state management.
- Integrated **JWT authentication** for secure login and **MongoDB** for data storage.
- Created responsive UI for user profile management and real-time data updates.

Awards and Certificates

Certificate in **Junior MERN Stack Web Development** from Programming Hero (2022)

Certificate in **MS Office Applications** from Bangladesh Technical Education Board (2018)

Extracurricular Activities

Publicity Secretary, Cumilla Zilla Samity, University of Rajshahi (2022–2024)

Financial Secretary, Bangladesh Youngstar Social Organization, Rajshahi (2022–2023)

Career Interest

- Build and lead a tech company, **Joy Tech Guru**, focusing on innovative solutions in the tech industry
- Build a personal brand through **innovative projects** and **teaching expertise**
- Become a versatile software engineer, contributing to **data science**, **AI**, **anthropology**, and addressing **climate change** and **public health**.
- Pursue **higher education** in Europe, integrating **technology** and **humanities** for impactful research