

Dear Recruiter,

I am writing this to express my interest in the software developer position at D.E. Shaw.

As a highly motivated postgraduate student at the esteemed Indian Institute of Technology (ISM) Dhanbad, specializing in Mathematics and computing(set to graduate in 2024), I bring a strong foundation in computer science principles and a passion for developing innovative software solutions

Throughout my academic journey, I have actively honed my skills in various areas relevant to this role, including:

- **Solid Fundamentals:** I have a strong grasp of Object-Oriented Programming (OOP), Operating Systems, Database Management Systems (DBMS), and Data Structures & Algorithms (DSA)
- **Expert Problem-Solving:** Extensive experience with C++ has significantly sharpened my ability to tackle complex problems efficiently and I'm adept at applying data structures and algorithms (DSA) in C++ to tackle challenges.
- **Full-Stack Development:** Proficient in both front-end and back-end technologies.
 - Proficient in JavaScript/TypeScript and popular front-end frameworks like ReactJS, NextJS .
 - Adept at leveraging libraries such as Redux Toolkit, Context API, React Query for state management and data fetching, alongside styling libraries like Tailwind CSS, Chakra UI, Material UI, and styled-components
 - Backend experience with Node.js, Express.js, and familiarity with relational (SQL) and NoSQL (MongoDB) databases
- **Internship Experience:** My internship at The Internet Folks provided valuable hands-on experience in applying my theoretical knowledge to real-world software development projects.

In addition to my technical skills, I possess excellent communication and interpersonal skills, which I believe are essential for effective collaboration and teamwork.

I am particularly drawn to D.E. Shaw's commitment to leveraging cutting-edge technology to drive strategic decision-making in the financial sector. I am confident that my strong work ethic, combined with my eagerness to learn and adapt, will make me a valuable asset to your team.

Thank you for considering my application. I look forward to the opportunity to contribute to D.E. Shaw's success and learn from the talented professionals at your organization.

Warm regards,

Priya Jha

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