ABHIJEET SHARAN

📞 +91 7004824980 ✉ abhijeetsharan1510@gmail.com 🔗 linkedin.com/in/abhijeetsharan1510 ⭕
github.com/abhijeetsharan   abhijeetsharan.vercel.app

Education

Birla Institute of Technology, Mesra **Aug. 2023 – May 2025**
Master of Computer Application *CGPA - 7.18*

Birla Institute of Technology, Mesra **Aug. 2020 – May 2023**
Bachelor of Computer Application *CGPA - 8.03*

Projects

Employee Payroll System | *C++, OOPs*
- Developed a robust Employee Payroll System featuring a user-friendly terminal interface, enhancing accessibility for non-technical users and reducing payroll processing time by 50%.
- Leveraged Object-Oriented Programming (OOP) principles by creating an abstract Employee class and concrete subclasses (FullTimeEmployee and PartTimeEmployee) to handle specific payroll calculations, streamlining operations and minimizing errors by 40%.
- Applied OOP properties such as Encapsulation to secure employee data, Inheritance to promote code reusability, Polymorphism for flexible method overriding, and Abstraction to define a clear contract for subclasses, enhancing maintainability.

Hostel Room Allotment System | *HTML, CSS, Javascript, React.js*
- Created an efficient platform for students and administrators to manage room-related requests, including new assignments, swaps, and vacation applications, improving request processing time by 40%.
- Enhanced administrative efficiency by 40% through streamlined workflows and automated processes, reducing the need for manual interventions.
- Integrated with existing college systems, resulting in a 30% reduction in manual administrative tasks and increased accuracy of room assignments.
- Enabled a user-friendly interface for students to submit vacation applications, leading to a 20% increase in timely submissions and approvals.

BIT Care - BIT Mesra Dispensary App | *Reacts.js, Tailwind CSS, Express.js, Node.js, MongoDB*
- Developed a web app using React.js and Tailwind CSS, improving healthcare access for 5,000+ campus users.
- Implemented an appointment system with features for booking, rescheduling, and cancellations, reducing scheduling errors by 40%
- Integrated MongoDB Atlas and Node.js backend, supporting real-time updates for 1,000+ daily appointments.
- Designed an intuitive appointment management interface, improving user experience and increasing engagement by 30%.

Technical Skills

Languages: C++, Golang, Java, Python, HTML, CSS, JavaScript, SQL
Frameworks: Tailwind CSS, React.js, Express.js, Node.js
Developer Tools: VS Code, Git, Github, MySQL, MongoDB

Academic and Extracurricular Achievements

- Achieved 1st Prize at Data Hunt - Data Science Summit 23, Birla Institute Of Technology, Mesra.
- Achieved 1st Prize at Speedster - Aurora 23, Birla Institute Of Technology, Mesra.

Leadership / Extracurricular

Dristi Charitable Trust **April 2022 – April 2023**
Volunteer
- Led outreach efforts to raise awareness about social service events, resulting in a 20% increase in volunteer participation; organized a Diwali celebration that provided joy and engagement to over 70 elderly residents.
- Spearheaded the planning and execution of a blood donation event at BIT Mesra Lalpur Campus, resulting in the collection of 60+ pints of blood and fostering strong partnerships with local healthcare organizations for future initiatives