SUMIT SHARMA

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EDUCATION

MASTER OF COMPUTER APPLICATIONS   Expected June 2025
Meghnad Saha Institute of Technology   Kolkata, WB

BACHELOR OF COMPUTER APPLICATIONS   2020-23
Meghnad Saha Institute of Technology   Kolkata, WB
Cumulative GPA: 8.3/10.0

PROJECT EXPERIENCE

AuthenticationAPI
- Designed and built a concept of microservice that allows users to authenticate as a service.
- Leveraged a robust technology stack, including JWT token, Node JS, and MySQL database, to craft an API endpoint, ensuring seamless integration with other projects. This resulted in improved user authentication and data security.
- Implemented comprehensive administrative functionality within authentication services such as login and sign-up.

Blockchain-based Electronic Voting Machine
- Developed to record voting on decentralized networks. Utilized Ethereum blockchain, Node js, and Hardhat library to create a voting function.
- Simulated voting button input using an Arduino R3 provided a physical interface for users to cast their votes. This combination of hardware and software ensured a robust and interactive voting process.
- Implemented smart contracts to record securely and tally votes, ensuring that the voting process was immutable and tamper-proof.

Blogging website
- A dynamic blogging platform where users can easily add, edit, and delete their blog posts. All posts are shared with the entire community, fostering user engagement and interaction.
- The technology stack includes Java Servlet for backend logic development and HTML wrapped in JSP for frontend design.
- The platform also supports authentication to ensure secure access and personalized user experiences.

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript
- Frontend Development: HTML5, CSS3, JavaScript, Bootstrap
- Backend Development: Node js, Express js lib, Java Servlet.
- Database: MySQL, MongoDB
- Frameworks: Express js
- Version Control: Git
- Other: Linux, Docker containerization, Data Structures and Algorithms, Object-Oriented Programming

ADDITIONAL

Languages: Fluent in English and Hindi, conversational proficiency in Bengali.
Core Competencies: Product Ideation, Problem-Solving, Communication, Team Collaboration, Innovation.