



**AMRIT KUMAR SINHA**  
Course : **B.E. (Hons.)**, Electronics and Instrumentation, 2024  
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ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	DAV Sreshtha Vihar, Delhi	CBSE	93.8 %	2019
CLASS X		Holy Angles' Senior Secondary School, Ghaziabad	ICSE	94.8 %	2017

Subjects / Electives	Operating Systems, Object Oriented Programming
Technical Proficiency	C++ Language, Data Structures, API Development, JavaScript, HTML + CSS, DBMS, Express.js, Algorithms, Git, SQL, MongoDB, Node.js, React.js, Java

SUMMER INTERNSHIP / WORK EXPERIENCE	
Software Development Intern, Zluri	Jul 2023 - Dec 2023
<ul style="list-style-type: none"><li>Developed a full stack feature addition on the company's website using <b>React</b> for the front end and <b>JavaScript</b> with <b>MongoDB</b> for the backend which improved visibility and accessibility for the user.</li><li>Implemented a failsafe currency conversion feature that used the <b>Exchange Rate API</b>, ensuring seamless retrieval of either real-time or historical exchange rates based on the user's selected currency.</li><li>Played a key role in the successful <b>migration of APIs</b> from one database to another, resulting in improved API performance by nearly <b>50%</b> and utilized <b>Postman</b> for thorough <b>API testing</b>.</li><li>Performed database cleanup through <b>MongoDB aggregation</b>, systematically removing incorrect data and ensuring data integrity.</li></ul>	

PROJECTS	
Kanban Board - Frontend Web Development	Jan 2024 - Jan 2024
<ul style="list-style-type: none"><li>Developed a feature-rich Kanban board using pure <b>React</b> and <b>CSS</b>, enabling users to efficiently manage tasks.</li><li>Implemented <b>dynamic layout changes</b>, using <b>grouping features</b> based on task status, user, and priority and provided <b>sorting options</b>.</li></ul>	
CSV Transaction Manager - Web Development	Jul 2023 - Aug 2023
<ul style="list-style-type: none"><li>Designed an intuitive user interface using <b>HTML</b> and <b>CSS</b>, for seamless user experience, which allows them to upload CSV files containing transaction data, thereby enhancing user accessibility.</li><li>Developed comprehensive functionality allowing users to effortlessly perform <b>CRUD</b> operations on transaction data.</li><li>Designed and implemented a suite of <b>RESTful APIs</b>, streamlining the integration of external systems with the application.</li><li>Utilized <b>Express</b> and <b>Node.js</b> in the backend for server-side communication, for optimal performance when interacting with the database.</li><li>Integrated <b>MongoDB</b> to optimize the storage and retrieval of transaction data, contributing to overall enhanced data management.</li></ul>	

POSITION OF RESPONSIBILITY	
Events and Initiatives Head - Nirmaan Organization Goa Chapter	May 2022 - Jul 2023
A student-led NGO dedicated to enhancing the <b>welfare of the underprivileged in South Goa</b> , overseeing a team of <b>300+ volunteers</b> .	
<ul style="list-style-type: none"><li>Successfully initiated and executed a project to install a sanitary pad dispenser in a government school.</li><li>Led the establishment of a CSR-funded skill development center, focusing on empowering women through tailored upskilling programs for financial stability and self-independence.</li></ul>	

CERTIFICATIONS	
CERTIFICATION	CERTIFYING AUTHORITY
BITS Pilani Postman API Program	BITS Pilani and Postman

VOLUNTEER EXPERIENCE	
Nirmaan Organization Goa Chapter - Role: Teacher   Cause: Children	Jan 2021 - Apr 2022
Educated students across various academic levels in a nearby underprivileged community, guiding their preparation for the entrance examination of a prestigious Government school.	