

EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	Computer Science & Engineering	KL University	2022-2026	9.73
Intermediate	Physics, Chemistry, & Mathematics	Sri Chaitanya College	2022	91.3
SSC	Physics, Chemistry, & Mathematics	Bala Kuteer School	2020	10

WORK EXPERIENCE

- **Internship** [IBM SkillsBuild] | [Click here to check the project details.](#) May-Jun 2024
 - Completed a project on **DDoS Attack Prediction**, utilizing machine learning algorithms to analyze network traffic patterns and predict potential Distributed Denial of Service (DDoS) attacks. Achieved **95% accuracy** in detecting DDoS attacks using classification models such as Random Forest and Support Vector Machines (SVM). Contributed to reducing the false positive rate by **30%**.

PROJECTS

- **Movie Recommender System | Machine Learning Project** Mar-Apr 2024
 - Built a **Movie Recommender System** using machine learning algorithms to suggest personalized movie recommendations based on user preferences and viewing history. Evaluated effectiveness using precision, recall, and F1-score, achieving a 20% increase in user satisfaction.
 - Employed collaborative filtering and content-based filtering techniques, improving recommendation accuracy by 35%.
- **Bharat Coin Bazaar | MERN Project | [Check.](#)** Jan-Mar 2024
 - Created a fully functional **online e-commerce website** using the MERN stack (MongoDB, Express.js, React, Node.js). Improved user experience by 25 % through personalized and contextually relevant interactions.
 - Implemented **user authentication and authorization** using JWT to ensure secure access to user accounts and transactions. Integrated Stripe Payment Gateway for secure and seamless transaction processing. Reduced admin workload by 30 % by automating repetitive queries and support tasks.
- **Social media app with web sockets | [Check.](#)** Sept-Dec 2023
 - Engineered a social media application featuring real-time chat functionality and customizable user profiles. Implemented WebSockets, enabling instant messaging with **98% uptime** for seamless communication. Designed a clean and intuitive UI, increasing user engagement by **40 %** and session duration by 30.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript and C Programming
- **Development Stack:** MERN Stack, Spring Boot, Django, Flask, MySQL, MongoDB, PostgreSQL, HTML, CSS, React.js
- **Certifications:** AWS Certified Cloud Practitioner, RedHat EX-183, Salesforce AI Associate
- **Academic Coursework:** data structures algorithms, object-oriented programming, problem-solving skills, Computer Networks, Operating Systems

POSITIONS OF RESPONSIBILITY

- **Design Thinking and Innovation** Sept-Oct 2022
 - **Led a team of ten** in the development of an innovative startup project called "Spark," aimed at creating a device for optimized phone charging
 - **Coordinated team efforts** by assigning tasks, setting deadlines, and ensuring clear communication among members.

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- **Historical Coin Collector**
Engaged in collecting and preserving vintage coins
- **Competitive Swimmer**
Participated in local swim meets, showcasing dedication to improving personal performance.