Arnab Sen

B.Tech
Computer Science and Engineering
SRM Institute of Science and Technology, Kattankulathur

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in Arnab Sen

EDUCATION

•**SRM Institute of Science and Technology**   *2020-24*
  B.Tech, CSE   CGPA: 8.99

•**Gyan Educational Institution**   *2018-2020*
  Class XII, CBSE   Percentage: 73.4

•**K.V AFS Bagdogra**   *2017*
  Class X, CBSE   Percentage: 91.2

EXPERIENCE

•**Microsoft**   *May, 2022 - Jun, 2022*
  Engage Intern   WFH
  – Real-time project completed under the improvement in bio-metric technology topic.

PERSONAL PROJECTS

•**Face Recognition Attendance System**   *June, 2022*
  The system will capture an image of the attendee's face and compare it to the database of registered faces.

  – The system will capture an image of the attendee's face and compare it to the database of registered faces. If a match is found, the system will log the attendance and display the result on the screen. This project can be useful for schools, offices, and events to keep track of attendance and ensure efficient and accurate record-keeping.
  – Tools & technologies used: dlib, cmake, opencv-python, numpy.

•**Password Generator**   *Dec, 2022*
  A website to generate and check password strength.

  – Tools & technologies used: HTML5, CSS3, JavaScript, github

•**TokenMaster**   *May, 2023*
  A blockchain-based ticketing system leveraging NFTs for secure and transparent event ticket management.

  – The blockchain-based ticketing system aims to revolutionize the ticketing industry by providing a secure, transparent, and decentralized platform for event ticket management and distribution. Inspired by the popular ticketing website "Ticketmaster," this project leverages blockchain technology to address the challenges faced by traditional ticketing systems, such as ticket scalping, fraud, and lack of transparency.
  – Tools & technologies used:Solidity, Javascript, Ethers.js(Blockchain Interaction), Hardhat, Metamask(Crypto Wallet)
  – Website : https://ticketerweb.netlify.app/

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, JavaScript, CSS3, HTML5, PHP
Developer Tools: VS Code, GitHub, XCode, Power BI, Jira, Figma, Google Developer Tools
Cloud/Databases: MySQL
Soft Skills: Leadership, Discipline, Teamwork, Sincerity, Critical thinking, Time management, Problem-solving, Communication, Presentation, Adaptability, Attention to details
Coursework: Data Structure And Algorithm, Object Oriented Design And Programming, Database Management System, Design And Analysis Of Algorithms, Operating Systems, Software Engineering And Project Management
Areas of Interest: Investing, Marketing, Traveling, Music

POSITIONS OF RESPONSIBILITY

•**Executive Committee Member,** Covid Yodha   *May, 2021 - Sept, 2022*

•**Committee Member,** AARUUSH   *Jun, 2021 - Jun, 2022*