

EDUCATION

- **Jamia Millia Islamia** New Delhi, India
Computer Engineering; CGPA: 9.53 *Aug. 2021 – Dec. 2024*

EXPERIENCE

- **E-Yantra** Bombay, India
Robotics Competition *Sep 2022 - Mar 2023*
 - **Functional Programming in Elixir:** Learnt about pure functional programming in elixir in depth. Explored the concept of concurrency and multi-threading in elixir-lang.
 - **Control Systems:** Learned and implemented control system algorithms like PID, to build line following robot.
- **Jamia Millia Islamia** New Delhi, India
Software Engineer *Jan 2022 - May 2022*
 - **Software Development:** A project to develop an end to end solution for managing for M.A. Anasri Health Center, JMI. Built modules for Pharmacy, Inventory Management, Appointment Handling, etc. using web sockets for real-time updates.
 - **Docker:** Learnt and used dev environments and docker containers to enable continuous development and deployment of the project.
 - **Software Testing:** Wrote unit tests and end to end tests using jest and mocha for the backend and the frontend.
- **Finsight AI** Bangalore, India
Software Engineer Intern *Jan 2022 - May 2022*
 - **Software Development:** A startup to develop a web app that helps users to keep track of the documents that move stock markets, and also help overcast the outcomes. I developed complex front-end components using React, and created REST APIs to handle various operations.
 - **No-SQL databases:** Created complex designs in No-SQL databases, and optimized queries to reduce cost .
- **Code With Coffee** Kolkata, India
Full Stack Web Developer Intern *Jul 2021 - Sep 2021*
 - **Developed a LMS:** Created a REST API server with Node and Express.js for a Learning Management System. Developed APIs and database designs to handle teacher-student relationships, assignment submissions, online quizzes, etc;

ACHIVEMENTS

- **Hack JMI 2.0 :** Secured First Position in Hack JMI 2.0 (2022), a hackathon conducted by JMI, New Delhi

PROJECTS

- **Leetcodeer:** A server-less web app with a goal of fostering healthy competition among leetcode peers. People can join or create groups and view their stats relative to the group members. Currently being used by 100+ users.
- **AutomataSim:** A web app to build, simulate, and share automata, like DFA, PDA, and Turing Machines.
- **LMS-JMI:** A learning management system developed using node.js, react, and raw SQL for a college project. Hosted at [lmsjmi.ml](#)
- **PEP form automation:** A webapp built for JNMC, Aligarh; to manage PEP(post-exposure prophylaxis) forms and send timely reminders to affected individual for medical checkups.
- **Web3 Crowdfunding:** A crowd funding platform built on web3 using solidity smart contracts.

PROGRAMMING SKILLS

- **Languages:** TypeScript, Python, C++, SQL, Elixir
- **Technologies:** React, Node, Solidity, Git, Docker, Linux