

## Education

### Indian Institute of Engineering Science and Technology

- **B.Tech , Information Technology (Second Year)**
  - Cumulative Grade Point Average (CGPA) : 9.51 / 10.0

### Higher Secondary Education

- West Bengal Council of Higher Secondary Education (WBCHSE)
- Aggregate - 93.00%

### Secondary Education

- West Bengal Board of Secondary Education (WBBSE)
- Aggregate – 88.57%

## Projects

### Pseudo Random Sequence Generator (Under guidance of prof. Shyamalendu Kandar)

- Pseudo Random Sequence Generator written in **JAVA**.
- Generates a random sequence using Regula Falsi method based on a given polynomial and two initial points as a key.
- Passed 13/15 NIST Randomness test.

### Covid-19 India Tracker

- A live Covid 19 tracker of India displaying confirmed cases and death cases of India with a pie chart.
- **API** taken from external source and built using **NodeJS,EJS**.

### Conoscenza

- A knowledge sharing platform written in **NodeJS,ExpressJS,EJS** and authentication implemented using **PassportJS,Google OAuth 2.0**.
- Database implemented and maintained using **Mongoose, MongoDB Atlas**.

### Imperium

- An Indigenous Version Control System(like git) written in **C++**.
- A logical approach to filesystem manipulation to emulate the basic functionalities of git.

## Technical Skills

- **Languages** – C, C++, JAVA, JavaScript, VHDL.
- **Frameworks** – ReactJS, NodeJS, ExpressJS, Bootstrap.
- **Databases** – SQL, MongoDB, Mongoose.
- **Technical** – Git, GitHub.
- **Environments** – Windows, Linux.

## Achievements

- 5 stars coder at **Hackerrank**.
- Successfully completed the 10 days of code challenge organized by the GNU/Linux User's Group, **NIT Durgapur**.