

# ADRIJA DUTTA ROY

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## OBJECTIVE

Aspiring to be a Software Engineer, currently pursuing an MCA, seeking full-time opportunities in the IT industry to leverage my academic knowledge and passion for technology in a dynamic and innovative environment.

## EDUCATION

**Master of Computer Applications**, Vellore Institute Of Technology Expected 2025 CGPA : 8.97  
Relevant Coursework: Data Structures and Algorithms , Database Management Systems, Object Oriented Programming with Java

**Bachelor of Computer Science**, Calcutta University 2020 - 2023 CGPA : 8.86 Grade: A+

## SKILLS

<b>Technical Skills</b>	HTML, CSS, Javascript, ReactJS, MongoDB, NodeJS, ExpressJS, SQL
<b>Soft Skills</b>	Communication and Teamwork, Problem-Solving and Adaptability
<b>Programming Languages</b>	C++, Java, Python

## EXPERIENCE

<b>Student Intern</b> Nokia	August 2024 - May 2025 Chennai, India
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- Testing of access devices used in Broadband Networks.
- L2 protocol development.

## PROJECTS

### Electric Vehicle Analysis using Power BI Dashboard

- Developed a comprehensive Power BI dashboard analyzing key metrics in the electric vehicle sector, including vehicle distribution by make, model year, state, and eligibility status.
- Provided insights into trends crucial for understanding the current and future landscape of EV adoption.

### Analysing the patterns of Cyber Security attacks using Exploratory Data Analysis with Python

- Conducted an in-depth analysis of cyber security attack patterns using Python's EDA techniques.
- Leveraged pandas for data preprocessing and matplotlib for visualizations.
- Applied statistical hypothesis testing to validate findings, confirming trends in attack vectors, target ports, and IP addresses.
- This project provides actionable insights for enhancing cyber security measures, demonstrating expertise in data analysis, visualization, and statistical validation.

### Doctor Appointment Booking App (MERN Stack)

- Developed a comprehensive doctor appointment booking application using the MERN stack, providing a seamless experience for patients and doctors.
- Implemented secure login and authentication with JWT and Bcrypt.
- Patients can book appointments, view available slots, and receive confirmations.
- Doctors can manage appointments and update profiles.
- Integrated Stripe for secure payments and used Tailwind CSS for a responsive design.