

# MAYANK GAUTAM

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

B.TECH (Software Engineering)	2020-2024	Delhi Technological University, New Delhi	8.83 CGPA
AISSCE/CBSE (Class XII)	2019	Lovely Public Sr. Sec School	86.6 %
AISSE/CBSE (Class X)	2017	Lovely Public Sr. Sec School	91.2 %

## WORK EXPERIENCE

### UNIVERSITY OF SURREY, UK

**Delhi, India(Remote)**

#### Research Intern

June 2023- August 2023

- Conducted an extensive research and analysis to develop an innovative strategy leveraging the **Internet of Things (IoT)**. This strategy entails merging machine learning models to precisely predict coffee yield.
- Worked collaboratively within a cross-functional team to transform complex data into practical insights and led the effort to compile and curate a substantial dataset consisting of **5,00,000 data points**. This effort led to a notable **18% increase** in coffee yield.

## PROJECTS

### HEALTHY BITES | Food-Delivery WebApp | [Live](#) | [GitHub](#)

**Tech Stack:** ReactJS, NodeJS, ExpressJS, MongoDB, Stripe

- Created an innovative restaurant website with complete user authentication, seamless cart management, and efficient order placement, all seamlessly integrated with MongoDB for optimal data storage and retrieval.
- Integrated Stripe for secure payment processing, enhancing the user transaction experience .
- Built an advanced admin panel to efficiently manage and update food lists, food details, user carts, and delivery status on the website asynchronously.

### CRPTOBUCKS | Crypto-tracker WebApp | [Live](#) | [GitHub](#)

**Tech Stack:** ReactJS, TailwindCSS, Rest API

- Designed a real-time Crypto-currency application, integrating API calls for real time data like prices and graphs for enhanced user experience.
- Implemented an additional currency feature, allowing users to switch between Dollar/Rupee for a localized UX.
- Designed a responsive webpage that enhances accessibility and user engagement optimized across all devices.

### WEATHERWISE | OpenWeatherMap API WebApp | [Live](#) | [GitHub](#)

**Tech Stack:** ReactJS, CSS, HTML

- Developed a React app showcasing live weather data for a user's searched location using OpenWeatherMap API.
- Leveraged API integration and responsive UI design to create an engaging and user-friendly weather application.

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, SQL, Python

**Web Technologies:** HTML, CSS, Tailwind CSS, ReactJS, Node.js, Express.js, MongoDB, Rest API

**Coursework:** Operating System, Database Management System, Computer Networks, Object Oriented Programming, Data Structure and Algorithms.

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Secured **2nd position** in Rotathon, an Ideathon + Hackathon organised by the Rotary District 3011, among **350+ participants** from over **18 countries**.
- 500+ Questions on esteemed Platforms like Leetcode, GeekForGeeks, CodeChef ,Codeforces.

## POSITION OF RESPONSIBILITY

### Treasurer at Rotaract Club of DTU Regency (250+ members)

- Rotaract clubs are a part of a **global effort** to bring peace and international understanding to a world through a framework of friendship and community services.
- Led the organizing committee of the Diwali Mela and the club was able to raise INR 51,000 which was donated to CanSupport. Also, Organized a Mega Donation Drive in collaboration with the **Turkish Embassy**; gathered **60+ kilograms** in-kind and collected a monetary donation of INR 20,000.