MAYANK GAUTAM

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EDUCATION

B.TECH (Software Engineering)	2020-2024	Delhi Technological University, New Delhi	8.91 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.