

# MOHIT KUMAR

## CONTACT

- **Email:** [me@mohitkumar.com](mailto:me@mohitkumar.com)
- **GitHub:** [Mohit-005](#)
- **Phone:** [+91 9761668694](tel:+919761668694)

## EDUCATION

- **High School** 2013-2020  
[St. Francis School, Navada Mathura](#)
- **Senior High School** 2020-2022  
[Delhi Public School, MRN, Mathura](#)
- **Bachelor's in Computer Science and Engineering** 2022-Present  
[GLA University, Mathura](#)

## HACKATHONS

- **HackerEarth '24 - Hacknosis: Sustainable Medtech!**  
Carbon Emission Tracker
- **HackerEarth '24 - Rakathon '24:**  
Leveraging [Gen] AI to solve problems within DevOps
- **Covehack '24**  
Coded a Vim learning tutorial game

## PUBLIC TOOLS

- **WhatsApp Automator**
- **GitHub Graph Painter**
- **LeetCode Bot**
- **GitHub Contribution Bot**

## SKILLS

- Java
- C/C++
- Python
- Java Script
- CSS
- Git/GitHub
- TypeScript
- HTML
- React.js
- Node.js
- PostgreSQL
- Tailwind CSS
- Vite
- MongoDB

## PERSONAL SKILLS

- Problem-Solver
- Reliable

## LANGUAGES

- Hindi
- English
- Spanish

## WHO I AM

I'm an extremely enthusiastic developer excited to use my skills and knowledge to create innovative and effective solutions for a wide range of technical problems. I have a strong work ethic and am always eager to learn and improve my abilities.

## PROFESSIONAL EXPERIENCE

### CORTEX Labs • Software Developer Sept. 2023 - June 2024

- I worked as a research assistant and developer for the DECISION-MAP (database of evidence concerning interventions supporting the intersections of brain injury mental health and addictions problems) website.
- Developed this **big-data visualization tool** that aggregated clinical studies relating to brain injuries in Vue.js (Typescript).
- Built in association with the **dean of research**.

### Deep Dive in DSA using Java at Coding Blocks Summer-2024

- Championed the **Data Structures and Algorithm** using **Java** at **Coding Blocks**.

## NOTABLE PROJECTS

### LeetCode Bot (Auto Solver) Nov. 2023-Mar. 2024

- **Automated Leetcode Solver:** Built a bot to **fetch, solve, and submit** Leetcode problems programmatically.
- **Session Authentication:** Used **Selenium** to log in, extract **cookies** (CSRF, session ID), and make **API requests**.
- **Solution Scraping:** Created a scraper to fetch top-voted solutions from discussions, tested via **GraphQL API**.
- **Error-handling Submission:** Developed a pipeline to submit solutions, managing **rate limits and errors**.
- **Multi-language Support:** Added options for users to select problem **difficulty and programming language** (Python, Java, C++).

### Git Hub Contribution Bot May 2023

- **Developed a bot** to manipulate **GitHub contribution graphs**, making them appear more active and professional using **JavaScript and Node.js**.
- **Utilized the Moment.js** library for **date manipulation** to create commits on past dates and over regular intervals, enhancing the contribution graph density.
- **Implemented user-friendly commands** like **subtract(year, "y")** and **add(days, "d")** for easy commit date adjustments.
- **Maintained a security policy** for reporting vulnerabilities and ensured regular updates and support for specific project versions.

### Online Eyewear Store (Glass County) Feb. 2023 - July 2024

- **Developed E-commerce Web Application:** Built a fully responsive eyewear e-commerce platform using **ReactJS and Tailwind CSS**.
- **Advanced State Management:** Implemented global state management with **React Context API** and **useReducer**.
- **Payment Gateway Integration:** Integrated **Razorpay** for secure and efficient payments.
- **User Authentication & UI Enhancements:** Provided user authentication, loaders, and toasts for enhanced UX.