

# AAYUSHKER SINGH

☎ 7880961220 | ✉ [singhaayushker@gmail.com](mailto:singhaayushker@gmail.com) | [in LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### KIET Group of Institution - AKTU

Ghaziabad, IN

Bachelor of Technology in Computer Science and AI (82.0%)

November 2022 – Present

- Relevant coursework: Data Structures, Operating system, Database Management System
- Active member of Cyber Peace Center and Kinesis Technical Society.

### RLB Memorial School - CBSE

Lucknow, IN

Senior Secondary (Class XII) - Science Stream (93.0%)

April 2021 – July 2022

## EXPERIENCE

### Delegate - AIPPM Committee | Model United Nations (MUN)

May 2024

- Led debates on Indian education reforms, shaping **80% of resolutions** through eloquent arguments.
- Negotiated cross-party agreements, strengthening diplomatic skills and enhancing **teamwide consensus by 60%**.

### Open Source Contributor | Hacktoberfest

October 2023

- Resolved **4+ critical issues**, optimizing project functionality and **improving contributor engagement by 30%**.
- Spearheaded technical discussions, ensuring clear documentation and enhancing **maintainer efficiency by 40%**.

### C++ Programming Intern | TechnoHacks EduTech

July 2023

- Built 2 production-grade applications, **reducing execution time by 50%** through optimized algorithms.
- Led independent debugging efforts, **cutting project delivery time by 30%** while ensuring error-free execution.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, HTML, CSS, JavaScript, TypeScript, SQL

**Technologies/Frameworks:** ReactJS, Next.js, Django, MongoDB, PostgreSQL, Tailwind CSS, Docker, Git

**Developer Tools:** GitHub, Visual Studio Code, Postman, Ollama, VS Code, Vim, Fedora

**Certifications:** Full-Stack Developer, Python, AWS Academy Cloud Foundations, Linux, Git

**Profiles:** [LeetCode](#), [HackerRank](#)

## PROJECTS

### DevFoolU | Python, Selenium, Scikit-learn, NLTK, KeyBERT, Pandas, DRF, Next.js, Docker

October 2024 – Present

- Developed an **advanced plagiarism detection system**, analyzing 200,000+ hackathon submissions to deliver accurate, scalable plagiarism verification and ensure robust system performance.
- Revamped data pipelines using Selenium, achieving a **3x improvement in dataset aggregation speed** while implementing seamless error handling and ensuring system resilience.

### Shhh | Cryptography, Pillow, Numpy, Django, Next.js, Tailwind CSS, Docker

August 2024 – Present

- Engineered a **secure web application for encoding and decoding messages in images**, leveraging custom encryption methods to ensure complete data confidentiality and user privacy.
- Streamlined backend workflows with Pillow and Numpy, **enhancing performance by 40%** and supporting a diverse range of file formats without compromising speed or reliability.

### Foody | Next.js, Django, PostgreSQL, Docker, Tailwind CSS, TypeScript

July 2024 – Present

- Designed a recipe management **platform hosting 100,000+ recipes** with a dynamic user interface, **boosting engagement metrics by 25%** and improving overall user satisfaction.
- Optimized database queries in PostgreSQL, **reducing response time by 35%** while ensuring reliable data integrity and scalability for future platform expansions.

## ACHIEVEMENTS

Reached a maximum **CodeChef** rating of **1391**

Present

Solved over **600 problems** on **LeetCode** with a maximum rating of **1432**

Present

Earned a **5-star** rating in **C++** and **Python** on **HackerRank**

Present

Secured top positions in departmental coding competitions for **5 consecutive months**

April 2024

Maintained a **400-day streak** on **LeetCode**, demonstrating consistency and commitment

Dec 2023

Completed a **75+ hour LinkedIn Learning** course on full-stack web development

September 2023