Vivek Kumar

📞 +91 730-312-4881 ✉ vivekvasu1515@gmail.com 💼 linkedin.com ⌗ github.com

Education

Hansraj College, University of Delhi   November 2022 - June 2026
Bsc. Computer Science (CGPA: 7.68 / 10.00)   *New Delhi, Delhi*
- **Relevant Coursework:** Data Structures and Algorithms , Operating Systems, Computer Networking, DBMS, Computer Architecture, Object Oriented Programming

Experience

Ordinatuer Society   Nov 202 – Apr 2023
Member of PR and Marketing Team   *New Delhi, Delhi*
- Worked closely with the PR team for bringing in the promising leads for funding of the events and projects.
- Contacted more than 300 leads and converted 20 for the funding.
- Managed and coordinated 2 events successfully.

Tezos Hansraj   Jan 2023 – Aug 2023
Team Member   *New Delhi, Delhi*
- Developed and Deployed Smart Contracts using Tezos Blockchain. Attended and coordinated 2 workshops on Blockchain, gained knowledge about Cyrptography, Mining, Smart Contracts.

Projects

[LINK] EazySchool | *Spring Boot, Spring Data JPA, MySQL, Spring Security 6, Thymeleaf*
- Developed an **education management system** using **Spring Boot** and **Thymeleaf**, featuring **modular architecture** for student and course management, user registration, and interactive school activity tabs.
- Engineered **RESTful APIs** with **Spring Data REST** and **JPA**, integrating **robust security measures** with **Spring Security 6**, including **CSRF prevention**, **role-based access control**, and **BCrypt password encoding** for **secure data handling**.
- Implemented **real-time monitoring** and **health checks** using **Spring Actuator**, enhanced **data validation**, **event logging**, and **codebase management** with **Lombok** to ensure **system reliability**, **data integrity**, and **maintainability**.

[LINK] HelloFriends | *React, TypeScript, Tailwind CSS, Spring Boot, Spring Data JPA, MySQL*
- Developed a **Facebook-like social media platform** using **React** with **TypeScript** and **Redux**, creating an **intuitive** and **responsive user interface** with **Tailwind CSS** for **cross-device compatibility**.
- Built and integrated **robust backend services** using **Spring Boot** and **Spring Web**, crafting **RESTful APIs** for **dynamic data handling** and leveraging **MySQL** for **efficient storage** of **large text** and **BLOB data**.
- Implemented **secure user authentication and authorization with Auth0**, enabling **seamless login/logout, image uploads, post creation**, and viewing functionalities, ensuring a **secure and engaging user experience**.

[LINK] StaffSync | *Java, Spring Boot, MySQL, Spring JPA, JavaScript, Tailwind CSS, React JS*
- Developed an **interactive and responsive employee management application** using **React JS** and **Tailwind CSS**, ensuring **intuitive** user **interface design** and **seamless information presentation**.
- Implemented robust **backend functionalities** with **Java** and **Spring Boot**, creating **RESTful APIs** for **efficient data flow** and **database operations** using **MySQL** to **store** and **manage employee information securely**.
- Utilized **React Router** for **easy navigation** and **routing** within the application, facilitating functionalities such as **adding, deleting**, and **editing employee information** with **enhanced user experience** and **operational efficiency**.

Technical Skills

Languages: Java, C++, Python, JavaScript, TypeScript, SQL
Technologies: React Js, Tailwind CSS, React Redux, Spring Framework, Spring Boot, Spring Security, Hibernate, Restful API, Spring JPA, MySql, AuthO, Thymeleaf, Maven