

Vikash Kumar

vikashraj041013@gmail.com | [LinkedIn: Vikash Kumar](#) | [Github: vikraj01](#)

EDUCATION

Heritage Institute Of Technology
B.Tech in Information Technology

Nov 2020 - June 2024
Current CGPA - 9.0

EXPERIENCE

Python Intern
Upskil Campus

June 2023 – July 2023
Noida, UP

- Gained practical experience in Python programming and related tasks.
- Developed a password manager application with Tkinter for the GUI and SQLite for data storage.

PROJECTS

Typespine | *Typescript, NodeJS, JSON API*

Feb 2023 – March 2023

- * Developed a TypeScript framework for building MVC-like applications.
- * Includes essential features for rendering views, managing events, and server syncing.
- * Provides a View class for rendering, a CollectionView for collections, and utility classes for events.

Ping Pong | *SocketIO, NodeJS, HTML Canvas*

Nov 2022 – Dec 2022

- * Join or create ping-pong rooms to play live matches with others using Socket.io.
- * Implemented instant score updates between game opponents with WebSockets and a master-slave approach.
- * Used HTML canvas and JavaScript classes for interactive elements in the project.

SpaceXplorer | *NodeJS, ReactJS, MongoDB, ExpressJS*

Aug 2022 – Oct 2022

- * Processes NASA data to find planets that could be habitable.
- * Leverages NASA's Exoplanet API and SpaceX API to explore exoplanets and plan hypothetical space missions.
- * Provides a fun and interactive experience for users

Reddilite | *ReactJS, Redux, Node*

June 2022 – July 2022

- * Built with ReactJS and Redux for a scalable and maintainable web application.
- * Uses the Reddit API to provide real-time content and updates.
- * Enables seamless user interactions by updating the application's state in real time.

TECHNICAL SKILLS

Languages: C/C++ , Javascript, Python, SQL (Postgres), HTML/CSS

Frameworks: React, Node.js, ExpressJS, Flask

Developer Tools: Git, Docker, Github Actions, VS Code, AWS

Libraries: Redux, Socket.IO, Sequelize

CS Fundamental: OS, DBMS, Networking

ACHIEVEMENTS & RESPONSIBILITIES

- Solved more than 1200 DSA questions across various coding platforms: Leetcode, GFG, Coding Ninja
- Ranked 19 in Coding Ninja Studio Weekend Contest - 89.
- Core Team Member of Technovation-2022 organized by HITK.

CERTIFICATION

- Fundamentals of Backend Engineering
- The Complete 2023 Web Development Bootcamp
- HackerRank Python Certification
- HackerRank SQL Certification