**VISHAL KASHYAP**

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**EXPERIENCE**

**Personal Finance Manager (MERN Stack Project)** [**Github**](https://github.com/vishalsiingh/expense-tracker)

*Project lead* *Feb 2025*

* Developed a real-time **expense tracking system** with authentication.
* Integrated **MongoDB, Express, React, and Node.js** for a seamless user experience.
* Implemented **JWT authentication and cloud storage for document management**.

**Jyesta Corporate Entity**

*Campus Ambassador**Feb 2025 – Present*

* Executed targeted campus marketing strategies, driving brand visibility and increasing student engagement by **20%.**
* Identified and nurtured potential users, converting **100+ leads** into active customers.
* Established partnerships and collaborated with student communities to expand market reach
* Conducted **market research**, providing insights to optimize marketing strategies

**HACKATHON –Prod-E-G-Unstop**

*Hackathon Participant**Oct 2024 – Dec 2024*

* Awarded by Delhi Skill and Entrepreneurship University for active participation in the Prod-E-G Hackathon
* Actively participated in the Prod-E-G Hackathon, showcasing problem-solving and teamwork skills in a competitive environment
* Recognized by Unstop for perseverance, dedication, and achieving a milestone in a competitive environment.

**PROJECTS**

**Sale Analysis Dashboard – Python** [**Github**](https://github.com/vishalsiingh/Data-Analytics-Projects)

* Analyzed **sales data** of tech products using **Python** and **Pandas** to uncover trends and customer behaviour.
* Identified key insights that led to a **10% increase in sales** by recommending product focus areas and sales strategies.

**Doodle Game – JavaScript & HTML Canvas** [**Website**](https://vishalsiingh.github.io/Doodle-game/)

* Developed a **browser-based platformer game** using **JavaScript, HTML5 Canvas, and CSS**.
* Implemented **gravity physics, collision detection, and platform generation** for dynamic gameplay.
* Optimized **game loop and rendering performance** for a smooth user experience.
* Applied **Object-Oriented Programming (OOP)** principles for modular and scalable code structure.
* Designed an **interactive UI with score tracking and animations** to enhance engagement.

**Sorting Visualizer – HTML, JS, CSS** [**Github**](https://vishalsiingh.github.io/Sorting-Visualizer/)

*Project lead**Oct 2024 – Dec 2024*

* Built an interactive tool to visualize sorting algorithms (Bubble Sort, Selection Sort, Insertion Sort, Merge Sort).
* Used HTML for structure, CSS for design, and JavaScript for real-time sorting logic and animations.
* Implemented controls to adjust dataset size, speed, and visualization playback.

**POSITIONS OF RESPONSIBILITY**

**USC COMMUNITY - KIIT**

*Event Manager Aug 2024 – Present*

* Experienced in planning and executing events, managing teams, budgets, and logistics efficiently, Gained insights into organizational values and built connections with peers and leaders.

**EDUCATION**

**KIIT UNIVERSITY – Bhubaneswar, India** *2022-2026*

Bachelor of Technology, Computer Science and Engineering CGPA: 8.60

**TRINITY GLOBAL SCHOOL – Patna, Bihar, India** *2020-2022*

Intermediate Grade: E(85)

**SKILLS**

**Programming: Java, Python, SQL, JavaScript (React, Node.js)**

**Backend & Databases:** Spring Boot, REST APIs, MySQL, MongoDB, PostgreSQL

**Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions)

**Software Engineering:** Data Structures & Algorithms (DSA), OOP, System Design, Multithreading

**Data & Analytics:** Pandas, NumPy, Hadoop, Spark, Kafka**Tools & Platforms:** Git, Jira, VS Code, IntelliJ IDEA **Certifications & Training:**  Accenture - Data Analytics and Visualization Job Simulation, **Data Structures & Algorithms Certification** *(Code360 – Completed)*,**Google Data Analytics Professional Certificate** *(Coursera – Ongoing),AWS Academy Cloud and data Engineering* , **JPMC Software Engineering** Virtual Experience (Forage).