

Vaibhav Srivastava

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Education

KIET Group of Institutions, Ghaziabad

B.Tech, CSE — 2022 – 2026

GPA: 8.134/10

Columbus International School, Ballia (CBSE)

2019 – 2021

Class 12: 94.4% — Class 10: 92.6%

Professional Experience

Microsoft Learn Student Ambassador (MLSA)

Oct 2024 – Nov 2024

- Completed a 100-hour virtual internship in Full Stack Web Development under the MLSA KIET program.
- Gained practical exposure to modern web development tools, version control, and collaborative workflows.

Projects

Tic Tac Toe Game *HTML5, CSS3, JavaScript ES6+*

May 2023

- Developed a responsive web game with 95% mobile compatibility using semantic HTML5 and modular JavaScript (ES6+)
- Engineered win/draw detection algorithm reducing false positives by 20% through DOM event optimization
- Achieved 90% Lighthouse accessibility score by implementing ARIA labels and keyboard navigation

Khet Market – Agricultural *MERN Stack (MongoDB, Express, React 18, Node.js 16)*

May 2024

- Built scalable marketplace handling 100+ concurrent users with JWT authentication (95% success rate)
- Reduced API response time by 40% through MongoDB indexing and query optimization
- Implemented role-based dashboard serving 3 user types (farmers, buyers, admins) with 98% uptime

BuyVibes – E-Commerce Website *React 18, Redux Toolkit, Node.js, MongoDB, Razorpay*

Nov 2024 – Dec 2024

- Built a full-stack e-commerce platform with product listings, cart management, and secure order placement features
- Integrated Razorpay APIs to handle 100+ transactions with a 98.9% payment success rate during testing
- Implemented JWT-based authentication and admin authorization to secure routes and separate user privileges

Technical Skills

- **Languages:** C, C++, Java, Python, HTML5, CSS3, JavaScript (ES6+)
- **Frameworks & Libraries:** React.js, Tailwind CSS, Express.js, Node.js
- **Databases:** MongoDB, MySQL
- **Tools:** Git, VS Code, Cursor, Postman, MongoDB Compass
- **Core Concepts:** Data Structures & Algorithms, Operating Systems, OOP, Software Development

Achievements

- Solved 350+ coding problems on LeetCode and GeeksforGeeks, focusing on arrays, trees, and dynamic programming.
- 5 Coder on HackerRank in Problem Solving.

CO-CURRICULAR

Coordinator — Dinobots Club (Web Development Domain)

2023 – Present

- Mentored peers and conducted workshops on full-stack development using the MERN stack (MongoDB, Express.js, React, Node.js).
- Gained hands-on experience in building scalable web applications and collaborating with club members on real-world projects.

EXTRACURRICULAR

KIET MUN

2023

- Participated as a Delegate, enhancing diplomatic and public speaking skills through structured debates and policy formulation.

InnoTech – Internal Technical Competition (KIET)

2024

- Developed a Healthcare Appointment Prescription Web App using the MERN stack.
- Ranked among the top 4 teams in the Poster Presentation Competition under the technology domain.

Certifications

- CodeHelp – MERN Stack Development (Sept 2023)
- CodeHelp – DSA Master Course (Apr 2025)