

Vaibhav Singh

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Skills

Languages: C++, JavaScript, SQL, Dart,

Frontend: React.js, Flutter, HTML5, CSS3, Tailwind CSS, Next UI,

Backend: Node.js, Express.js, REST APIs, JWT, Socket.io, WebRTC,

Databases: MongoDB, PostgreSQL,

State Management: Redux (React), Provider (Flutter),

Tools and Platform: Git, GitHub, Postman, Docker.

Work Experience

VKV Technologies Pvt. Ltd. Full Stack Developer - Mobile & Web

July 2024 – Present

As a full stack developer, I design and build scalable mobile and web applications, collaborating closely with cross-functional teams to deliver robust solutions. My responsibilities include architecting secure APIs, implementing real-time features, optimizing performance, and ensuring responsive, user-friendly interfaces across platforms. I work extensively with technologies like React Native, Flutter, Node.js, Express.js, and MongoDB, and contribute to both frontend and backend development, code reviews, and deployment processes.

Education

Shri Ramswaroop Memorial University B.Tech. in Computer Science and Engineering

Oct 2021 - May 2025

CGPA: 7.4/10

Relevant Coursework: Data Structures & Algorithms, Advanced DSA, Object-Oriented Programming, Operating Systems, Databases, Computer Networks, Machine Learning, Data Mining, Discrete Mathematics, Information Retrieval, Image Processing

Project Work

- **Flings Dating App:** I am developing Flings, a cross-platform dating app using Flutter for a smooth user experience with real-time messaging powered by Socket.io and WebRTC. The backend, built with Node.js and MongoDB, supports scalable data handling, while JWT-based authentication ensures secure access. The app is fully responsive across Android and iOS devices.

Tech Stack: Flutter, Node.js, Express.js, MongoDB, Socket.io, WebRTC

- **Community team Collaboration Platform:** Building a real-time collaboration platform to enhance team communication and event management. Utilized React and Next UI for a modern, intuitive frontend, while Node.js, Express, and PostgreSQL power the backend. Features include instant chat, event scheduling, and contact management, all enabled by Socket.io for real-time updates.

Tech Stack: React, Next UI, Node.js, Express.js, PostgreSQL, Socket.io.

Awards and Certificates

- Led Team in a Hackathon organised by **Technex IIT BHU**.
- Obtained **JavaScript** Certificate issued by **IBM**.
- Got **2nd** rank in drone Making Competition organized by **Predulive Labs**.