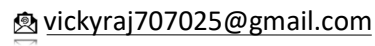
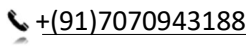


# VICKY RAJ

India



## TECHNICAL SKILLS AND INTERESTS

Languages:	Java, C, C++, JavaScript.
Developer Tools:	Git, Github, Visual Studio Code.
Web Development:	Html, Css, Javascript, Bootstrap, Tailwind, Reactjs, Redux, Nodejs, Expressjs, MySQL, MongoDB, Cloudinary, Mapbox, WordPress, Firebase, Postman.
Non-Technical:	Problem Solving, Teamwork, Time Management.
Language:	Hindi, English.

## RELEVANT COURSEWORK

- Data Structures & Algorithms
- Object Oriented Programming
- Database Management System

## PROJECTS

### ChatApp, Mern Stack Web Application Jun 2024 – Jul 2024

**Technology** – MongoDB, Express Js, Node Js, React Js, Redux, Socket.IO, JWT, Tailwind CSS, Etc.

- Developed a real-time **chat** application using React.js and **Socket.IO**, providing seamless user communication with instant messaging and **notifications**.
- Implemented user authentication with **JWT**, enabling secure SignIn, SignUp, and Logout functionalities, ensuring data privacy and **session** management.
- Integrated **Redux** for efficient state management and designed a modern **responsive** user interface using **Tailwind CSS**, optimizing performance and user experience.

### Airbnb-Project, Full Stack Web Application Aug 2023 – Oct 2023

**Technology** – MongoDB, Express Js, Node Js, Passport, Mapbox, Cloudinary, EJS, CSS, Bootstrap, Joi, Etc.

- Created "Airbnb-Project" resembling **Airbnb**, utilizing HTML, CSS, Bootstrap, and JavaScript for frontend, and Node.js, Express.js, and MongoDB for backend with MVC architecture.
- Implemented user **authentication** via Passport, CRUD operations, signup/login, Mapbox **API** integration, and **review system**, with middleware for form validation and error handling.
- Integrated **Cloudinary** for media storage, **MongoDB Atlas** for database management, and hosted on Render.

### Food Plaza, React Web Application Jan 2024 – Feb 2024

**Technology** – React Js, Redux, JavaScript, Html, Vanilla CSS, Parcel, API, Etc.

- Developed a **responsive** and highly scalable app from scratch using **Parcel** bundler, ensuring optimal performance and user experience across devices.
- Integrated Swiggy's live **APIs** to fetch restaurant and menu details, enhancing user engagement with personalized recommendations based on location.
- Achieved rapid **400ms** load time, integrating robust **filtering**, intuitive **search**, and efficient **Redux**-based **cart** management for seamless ordering.

## EDUCATION

<b>Nalanda College, Bihar</b> Bachelor of Computer Application – BCA    Grade – A	<b>Jun 2020 – July 2023</b> Patna, India
<b>Patliputra University, Bihar</b> Intermediate, Science    Grade – B	<b>Jun 2017 – Mar 2019</b> Patna, India
<b>Bihar School Examination, Bihar</b> Matriculation, Science    Grade – A	<b>May 2016 – Jun 2017</b> Patna, India

## ACHIEVEMENTS / CERTIFICATIONS

- Certificate of **Data Structures and Algorithms** with Java.
- Certificate of **Full Stack Web Development**.