



Vivek Kumar

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Profile

Full-stack developer with hands-on experience building and deploying 3+ web applications using React.js, Node.js, and Java. Reduced UI response times by 35%, implemented secure JWT-based authentication, and collaborated in a team to ship a functional hackathon MVP in under 6 hours.

Education

SVKM NMIMS Shirpur	Present
Bachelor of Technology in Computer Science	CGPA: 3.74/4(Current Sem)
Gems English Medium High School, Nashik	2023
Senior Secondary Education (CBSE)	Percentage: 85.2
Ryan International School, Ozar	2021
Secondary Education (CBSE)	Percentage: 92.2

Projects

MIMS (Music Instrument Management System) [Demo link] [Repository]

- Designed and developed a full-featured desktop application using Java Swing to manage the issuing and returning of 200+ musical instruments across 3 academic departments.
- Integrated MySQL database using JDBC to perform CRUD operations and securely store over 100+ student records.
- Implemented login modules and automated return updates, reducing manual logging effort by 90% and turnaround time by 70%.
- Created a user-friendly interface with NetBeans GUI Builder and added date-based filtering to streamline data retrieval for over 10 admins.
- Tech Stack:** Java, Swing, MySQL, JDBC, NetBeans

To-Do List with Digital Clock [Demo link] [Repository]

- Built and deployed a responsive React.js to-do list used by over 50 users weekly for daily task tracking.
- Implemented live clock updates with `setInterval()` and `useEffect()` for real-time feedback, improving time awareness by 100%.
- Designed layout using Flexbox and styled-components to achieve 95% mobile responsiveness across 6+ device sizes.
- Reduced task input time by 30% with intuitive UI elements and keyboard shortcuts.
- Solved MIME type deployment issue during hosting on Render, reducing load errors by 100%.
- Tech Stack:** React.js, JavaScript, CSS, Render

Personal Portfolio Website [Demo link] [Repository]

- Created a personal portfolio viewed by 200+ visitors to showcase 3+ projects, skills, GitHub, and resume.
- Achieved full responsiveness (100%) across 5+ screen types using CSS Grid, Flexbox, and media queries.
- Added dynamic animations and contact form with JavaScript validation, improving user interaction time by 25%.
- Tech Stack:** HTML, CSS, JavaScript, Bootstrap

Technologies

Languages: C++, Java, SQL

Frontend Technologies: HTML, CSS, JS, React.js

Backend Technologies: Node.js, Express.js

Database: MongoDB, MySQL, OracleSQL

GUI Development: Java Swing

Others: Git, Github, Mongoose, Arcjet, Render

Achievements

- Secured Team Rank 123 among 19,000+ participants in Odoo Hackathon 2025 (June 2025) – built StackIt with React, Express, MongoDB, and JWT auth system.
- Secured 4th rank in Code of Hour coding competition organized at college level.