

# Vivek Sharma

✉ viveksharma0910@gmail.com | 🔗 vivek-sharma.in | 🌐 Vivek Sharma | 📞 viveksharma2508 | 📞 +91-7814845390

*I am enthusiastic about Open Source, writing organized code and knowing what I don't know*

## Education

### CGC College Of Engineering

B.Tech in Computer Science Engineering, CGPA – 8.00/10.00

Landran, India

2022 – 2025 (Expected)

### Swami Devi Dyal College Of Technical Education

Diploma in Computer Engineering, Percentage – 80.32%

Panchkula, India

2018 – 2021

## Projects

### TalkSphere | Socket.io, NodeJS, ReactJS, Prisma, PostgreSQL

July 2024 – August 2024

- Built a platform with real-time chat and file-sharing capabilities using Socket.io, enabling instant collaboration
- Integrated **user authentication**, **personalized avatars**, and a modern UI built with React and Material-UI to enhance user experience
- Enhanced database performance by 30% faster query execution and reduced server load by 25% using Node.js and Prisma ORM for efficient and scalable operations

### College-Connect | HTML, Bootstrap, JavaScript, JQuery, NodeJS, MySQL, Sequelize

October 2023

- Revamped a social media platform for college students, enhancing user engagement and facilitating resource sharing among a growing community of active users
- Implemented secure user authentication, profile management, and messaging, resulting in a 20% increase in platform activity and user interaction
- Built a platform for academic collaboration, enabling resource sharing and peer messaging in college environments.

### WordMaze | React, Vite, JavaScript, HTML, CSS

June 2024

- Developed an interactive word puzzle game that challenges users to navigate through mazes by solving word puzzles, enhancing cognitive skills and engagement
- Designed and integrated adaptive game mechanics within the interactive word puzzle to enhance user experience and increase engagement
- Check out the live version of the project here: [WordMaze Live Site](#)

## Technical Skills

**Programming Languages:** Java, JavaScript, Python

**Frontend Libraries/Frameworks:** ReactJS, Redux, Material-UI, Styled-Components

**Backend Libraries/Frameworks:** NodeJS

**Databases:** MySQL, PostgreSQL, MongoDB

**Systems/Platforms:** Git, Windows, Github

## University Courses

- Discrete Mathematics, Linear Algebra, Data Structures, Algorithm Design
- DBMS, Operating Systems, Computer Networks
- Artificial Intelligence (AI), Machine Learning (ML), Cloud Computing
- Compiler Design, Web Technologies

## Certifications

- **Introduction to Networking - CISCO ACADEMY** (Completed: October 2024 )
- **Python Programming Masterclass - Udemy** (Completed: November 2020)
- **Overview of Geocomputation and Geo-web services - ISRO** (Completed: October 2023 )

## Extracurricular Activities

**Brainy Branch Competition:** Participated in a competitive event where I developed and presented a software product, demonstrating its features and functionalities to a panel of judges, leading to recognition for innovative solutions.