Vivek Kumar Yadav

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EDUCATION

B.Tech. (Information Technology)

Rajkiya Engineering College   📅 07/2020 - 06/2024

Banda, Uttar Pradesh • **CGPA: 8.02**

• **Related coursework:** Principles of Data Structures through C/C++, Design & Analysis of Algorithms, Object-oriented Programming, Database Management Systems.

Intermediate

Manas Convent School   📅 06/2018 - 06/2019

Mughalsarai, Chandauli, Uttar Pradesh • **Percentage: 86.6%**

High School

Manas Convent School   03/2016 - 03/2017

Mughalsarai, Chandauli, Uttar Pradesh • **Percentage: 85.5%**

EXPERIENCE

Back-End Developer Intern

BharatTech-Techecosystem Pvt. Ltd.

📅 07/2023 – 10/2023   📍 Work From Home

• As a **Back-End Developer**, I handled server-side components, created smooth **APIs**, and worked on databases. Collaborating with the front-end developers, I integrate UI and ensure secure Communication. I focus on security, debugging, and optimizing performance.

• Created **API** for Register/Login with JWT Authentication in **Node JS,** User Information System, **Schemas in Sanity,** etc.

Web Development Internship

Oasis Infobyte Pvt. Ltd.

📅 11/2022 – 12/ 2022   📍 Work From Home   View

• Designed **3 front-end websites** a Portfolio website, an Online Job portal, and a Weather app using **HTML, CSS, JavaScript,** and **Bootstrap.**

ACHIEVEMENTS

• Institute Rank 8 on **GeeksforGeeks**, achieved through consistently solving DSA problems and participating in coding contests.

• Solved 500+ Problems on **GeeksforGeeks** and **Leetcode.**

• **TCS NQT** 2023 Exam Qualified.

• **Accenture** Developer Program Certified | View

TECHNICAL SKILLS

• **Programming Languages:** C, C++, Python(basic) ,JavaScript

• **Frontend Web Development:** HTML, CSS, JavaScript, ReactJS, MaterialUI.

• **Backend Web Development:** NodeJS, Express.js, MongoDB, JWT, Web Pack.

• **Others:** Git, GitHub, Object Oriented Programming, Database Management System, SQL.

• **Tools**: VS Code, MS word, MS Powerpoint

PROJECTS

Real-Time Chat App- Vchat

(08/2023 - 09/2023) | GitHub | View

• Developed a real-time chat application using the **MERN** stack, enabling users to seamlessly engage in one-on-one and group conversations.

• Implemented **Socket.io** technology to facilitate instant messaging and updates, creating a responsive and dynamic user experience.

• Ensured secure access with **JWT authentication**, enhancing data protection and user privacy.

• Only the Group Admin is able to add/Remove members, and all other members a
re allowed to rename the group name

E-Commerce Website- Mobile Store

(05/ 2023 - 06/2023) | GitHub | View

• Developed a comprehensive E-Commerce website using **React JS**, featuring essential functionality such as product catalog display, real-time shopping cart management (addition/removal of items), and dynamic price calculations.

URL Shortner

(09/2022-10/2022) | Github | View

• Developed a full-stack **URL shortener** application using **Node.JS, MongoDB,** and **React.JS**, enabling users to shorten long URLs for easy sharing and tracking.

• Enhanced user experience by displaying real-time **visit counts** for each shortened URL.

Linked List Visualization

(01/2023 - 03/2023) | GitHub | View

• Developed a web application using **HTML, CSS**, and **JavaScript** that provides an engaging and interactive visualization of the working of **Singly, Doubly**, and **Circular Linked Lists**.

• Optimized the application's performance and functionality to exceed its intended capabilities, ensuring that it is faster and more efficient than similar applications in its class.

POSITION OF RESPONSIBILITY

Website Manager in Student Developer Club (SDC) at Rajkiya Engineering College, Banda

• StudentDeveloper Club is a Technical Club of Rajkiya Engineering College, Banda

• I developed the SDC Club website and am currently responsible for managing and updating it.

• Strengthened the coding and development culture through guidance and mentoring.