Vivek Kumar

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FULL STACK DEVELOPER

I am a highly skilled software developer with over **2 years of experience** in **HTML, CSS, JavaScript, TypeScript and Python**. I have expertise in popular frameworks such as **React, Angular, Next, and Vue.js** and experience with REST APIs and MVC frameworks. Effective team player with excellent analytical skills, and training potential. Problem-solving and communication skills.

TECHNICAL SKILLS

Languages	:	JavaScript, TypeScript, Python, HTML, CSS, R, MATLAB
Frameworks	:	React.js, Next.js, Angular, Express, Node.js
Libraries	:	Material UI, Bootstrap, Tailwind CSS, Redux, Redux-Thunk, React-Router
Databases	:	MongoDB, MySQL, PostgreSQL
Dev Tools	:	Visual Studio Code, AndroidStudio, Git, Github

EXPERIENCE

Web Developer - Intern   Jan 2023 – Mar 2023
Cluster Innovation Centre, DU   *New Delhi, Delhi, India*

- Designed and Developed for **National Seminar** on Innovation in Higher Education through **Public - Private - Partnership** Model
- Easy to navigate, despite being a single page
- Engaging and informative with multimedia elements

Full Stack Developer - Intern   Jun 2022 – Sept 2022
Daulatram College, DU   *New Delhi, Delhi, India*

- Designed and developed dynamic and responsive websites using **MERN Stack** with improved **website Interface**
- Worked with **REST APIs** to retrieve and display data from databases
- Worked with **MVC frameworks** to develop robust and scalable backends

Full Stack Developer - Intern   Feb 2021 – Apr 2021
Cluster Innovation Centre, DU   *New Delhi, Delhi, India*

- Created a website named **Quick Access App**
- Consists of 5 features i.e **TO-DO list, Calculator, Calendar, Music player, Weather**, and prediction of the humidity in a city
- Technologies used: **HTML, CSS, Reactjs, MongoDB, NodeJs, JWT Authentication,and ExpressJs**

EDUCATION

Cluster Innovation Centre, University of Delhi   New Delhi, Delhi, India
B. Tech (IT and MI)   *Nov 2020 – Aug 2024*
C.G.P.A – 9.05

Kendriya Vidyalaya, Bulanshahr   Bulandshahr, U.P, India
12th (Science Stream with CS)   *Apr 2019 – May 2020*
Percentage – 84.8

Kendriya Vidyalaya, Bulanshahr   Bulandshahr, U.P, India
10th   *Apr 2017 – MAy 2018*
Percentage – 79.6

PROJECTS

BreakIn Backend   *NodeJs, ExpressJs, MongoDb, JWT, Postmawn, mongoose-GridFs-Storage, Git*   Source Code

- This project is a backend for the mobile App for the Users and Owner of the BreakIn App
- Rest APIs from scratch with the MongoDb, Implement with the APP
- Storing files in MongoDB using GridFS-Storage
- Storing, updating data in MongoDB
- Authentication with JWT and work with token generation till it's expiration

Portfolio *react, nextjs, SEO, html-css-javascript, responsive-web-design, emailjs, tailwindcss, framer-motion* Source Code

- Created a visually stunning Next.js and Tailwind CSS website with a modern design that captivates visitors.
- Streamlined navigation for an intuitive and hassle-free browsing journey, enhancing engagement and satisfaction.
- Optimized website speed ensures quick loading times, delivering a seamless user experience with minimal delays.
- Implemented a dynamic project display system, empowering easy updates and presenting the latest work effectively.
- Seamlessly integrated various media formats, such as images and icons, to elevate the visual appeal and engagement.

Plot List *nodejs, javascript, CSS, Bootstrap, HTML, Postman, jquery, MongoDB, mongoose, expressjs, nodemon* Source Code

- Facilitated listing of diverse items like properties, cars, hotels, etc.
- Enabled direct communication between clients and vendors
- Implemented automated token generation for streamlined transactions
- Created a user-friendly interface for a seamless user experience
- Simplified the buying and selling process for improved efficiency.

Covoke 5.0   *ReactJs, Framer Motion, Tailwind CSS, Git*   Source Code

- This project is made for Tech Fest which organized by our centre
- It is a static-single page website
- Having Interactive and animations UI

BreakIN   *dart, flutter, graddle, app-development, OOPs, Git*   Source Code

- Developed an intuitive app for the University of Delhi's canteens, messes, and stalls, enabling users to search for places and dishes effortlessly.
- Implemented a robust search feature, allowing users to find specific canteens, messes, or stalls, along with their respective dishes, quickly and easily.
- Integrated distance and time calculations, providing users with approximate travel details from their current workspace to their desired eating place.
- Designed an intuitive and user-friendly interface, ensuring a smooth and engaging user experience while navigating through the app's features.
- Providing comprehensive info on food options and locations for enhanced convenience.

Facial Expression Recognition   *Python, Data Cleaning, Data modeling, Scikit-learn, PyTorch, Git*   Source Code

- Made Hybrid Model of CNN-KNN to Facial Expression Recognition
- Holds strong emotion recognition capabilities and would be able to comprehend people
- Also it will communicate with them more naturally

Quizstar   *Python, Tkinter, OOPs, Git*   Source Code

- Made a GUI fun Quiz game with Tkinter
- Having some questions on the space theme and you have answer
- Calculate Score on the basis of your performance and give you remark

Computer Graphics Programs   *Python, OpenGL,Git*   Source Code

- Made so many programs as Computer Graphics with OpenGL and Tkinter
- Having some extraordinary results

CERTIFICATIONS

- Entrepreneurship Awareness Drive by the E-Cell IIT Kharagpur
- Web Development Course 2.0
- HTML and CSS – Certification