Parag Agarwal

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Full Stack Developer

I am a highly skilled developer with **experience** in **HTML, CSS, JavaScript and Python**. I have knowledge of popular frameworks such as **React.js, Node.js, Express.js and Django** and experience with REST APIs.

Technical Skills

Languages	:	JavaScript, Python, C++, C, Java, HTML, CSS
Frameworks	:	Django,React.js, Express, Node.js, Bootstrap, Tailwind CSS
Libraries	:	Redux, React Router
Databases	:	MongoDB, MySQL
Dev Tools	:	Visual Studio Code, Git, Github

Experience

Full Stack Developer Intern   July 2023 – Present
Code Quotient

- Worked with **frameworks** to develop robust and scalable backends.
- Worked with **REST APIs** to retrieve and display data from databases.
- Troubleshot and **fixed bugs** and issues in the backend to ensure **smooth operation** of the applications.
- Designed and developed dynamic and responsive websites using **React.js, HTML, CSS, JavaScript.**

Web Design and Developer Intern   May 2023 – June 2022
WCTS Digital

- Got an opportunity to **Interact with Clients** to develop robust, scalable solutions and satisfy their requirments.
- Successfully build companie's **Interactive, Responsive and Fully Functional Official Site** which acts as a compelling tool to significantly impact potential clients, leaving a positive and enduring impression with its modern design.
- Assisted senior web developers in the design and development of websites using **HTML, CSS, JavaScript, node.js, express.js, MongoDB, Firebase.**

Education

Raj Kumar Goel Institute of Technology   Ghaziabad
B.Tech - IT   *2020 – 2024*

D.S..B.M Sr. Sec. School   Aligarh
12th   *2019*

D.S..B.M Sr. Sec. School   Aligarh
10th   *2017*

Projects

Web Chat Application

- Developed a fully functional web chat application using **HTML, CSS, and JavaScript.**
- Implemented real-time communication through **WebSocket technology** to enable instant messaging between users.
- Designed and integrated user **authentication, registration, and room features** for secure access.
- Utilized **Node.js and Express.js** to create the backend server, enabling data storage and retrieval.
- **Conducted extensive testing and debugging** to ensure a bug-free and reliable application.
- Deployed on GitHub pages via GitHub Actions. **Project Link:** https://github.com/Parag589/Web-Chat-App

Ecommerce Application in Django

- Developed an E-commerce Application using **Django framework and Python.**
- Integrated secure **payment gateways** to facilitate **online transactions** .
- Utilized Django ORM for efficient database management and querying.
- Implemented **user-friendly interfaces** for product browsing, shopping cart, and checkout.
- Conducted thorough testing and debugging to ensure a **stable and reliable application** .
- Project Link: https://github.com/Parag589/Ecommerce-Application-Django

Code to Earn

- In this project, I made a website that provides crypto tokens to the user after solving coding problems, quizzes, and contests. It provides an NFT to each user while signing in to our project. Basically, the motive of our project is to create an environment where users can earn money while coding, we want to change the trend where people pay to learn to, code to earn. For this purpose, I created our own utility token named Mudra based on Ethereum.
- Technology used : **HTML | CSS | Bootstrap | JavaScript | React.Js | jQuery | Blockchain | Solidity | Ethereum | Ether.js**
- Project Link: https://code2-earn-alpha.vercel.app/

Realestate Website

- I made a **fully functional and responsive website** for a real estate company that gives them the functionality of buying villas, flats, and plots. It shows the needed information to the user like the size of the plot its images and prices, and the interior of flats and villas.
- Technology used : HTML | CSS | Bootstrap | JavaScript | React.Js
- Deployed on Cpannel
- Project Link: https://www.frontyardrealestate.com/

CERTIFICATIONS

- Python Programming
- Version Control
- Programming with JavaScript
- Frontend Development

ACHIEVEMENTS

- My Published Research Paper - **Web Page Filtering Combining Machine Learning and Content and Structural Analysis**. Research Paper Link: http://www.ijaresm.com/search? x=0y=0keyword2=Web+Page+Filtering
- My Published Research Paper - **Based On A Mix Of Visual, Motion, And Depth Saliency, Saliency Maps For Stereoscopic Video Are Detected**. Research Paper Link: https://www.ijsdr.org/papers/IJSDR2210170.pdf

HOBBIES

- Table Tennis
- Exploring New Technologies