

RISHIKESH KUMAR

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Education

Guru Ghasidas University

Bachelor of technology in Computer Science and Engineering

Dec 2020 – present

Bilaspur, Chhatisgarh

Relevant Coursework

- Data Structures
- Algorithms
- React.js
- Web Development
- Game Development

Experience

DSC GGV

Club Member

May 2021 – present

Bilaspur, Chhatisgarh

- Made a feedback form system with the help of Webdevelopment

Codechef ITGGV

Executive Member

Nov 2021- present

Bilaspur, Chhatisgarh

- Took part in many coding contests.
- We together organized a lecture series on basic C++ for our new members of the club.
- We organised coding competitions.

Dimentionless Technologies

Full-Stack Web developer Intern

Dec 2021 - Feb 2021

Navi Mumbai, Maharashtra

- Created an excel like page for data entry by user using react and bootstrap.
- Worked on Opencv.js to capture image and get text data from the captured Image.
- Added bootstrap to webpage to make responsive for user.

Projects

Image Processing | *HTML Canvas, Opencv.js, Javascript*

Jan 2022

- * Zeroh labs, company gave our college, for all students, some projects.
- * We first had an intra-college level competetion to get the project.
- * We then created 14 image filters using javascript and opencv.js.
- * I worked on front-end part, and created 5-6 filters.
- * Our project was selected by the company and we got participation certificate.

Emotion Cognizance | *Flask, Opencv, Harcasade, Face dection, Emotion Dectection*

December 2021

- * Me, along with my friends participated in a hackathon, which was organized by girlsript bilaspur, and created this project
- * The idea behind this web application is to detect the emotions of teenager or children to know if they have any problem. If there is any problem respected authorities can take the proper care.
- * We used HTML, CSS ans JS for front-end.
- * We used Flask for backend.
- * We used SQLAlchemy for database management.
- * We won first prize through this project.

Calculator Web application | *HTML, CSS, JavaScript, Bootstrap*

January 2021

- * Developed a calculator which can perform the mathematical calculations very easily.
- * Implemented a equation solver using Javascript.
- * The users can input the simultaneous linear equations and program will solve it.
- * Implemented a currency converted using API in Javascript.
- * Implemented a graph maker using plot.ly in Javascript.

Block Breaker | *Python, Pygame, Game Development*

July 2021

- * Created an arcade game.
- * Used python's pygame library to implement the game.
- * Implemented object-oriented programming practices such as inheritance to create game objects and states in the game.

Technical Skills

Languages: Python, C, C++, HTML,CSS, JavaScript

Developer Tools: VS Code, Eclipse, Pycharm, Unity, Adobe Illustrator, Adobe Photoshop, Unity

Technologies/Frameworks: Windows, GitHub, Git, WordPress, Flask, React, Django, Bootstrap