

# ARITRA RAY

C O M P U T E R   S C I E N C E   E N G I N E E R

## Contact Details

### Phone

+91-8240927826

### Email

aritra.ray98@gmail.com

### Linkedin

### LinkedIn Profile

### Location

Current Address - Baner, Pune

Permanent Address - New Garia, Kolkata

## Education

### B. E. (CSE) (2017-2023)

Kammavari Sangha Institute of Technology

### Class - XII (2017)

Future Campus School (CBSE)

### Class - X (2015)

B. D. M. International School (CBSE)

## Certification

- Certificate of Appreciation for winning the Best Paper award in the "National Conference on Recent Innovations in Engineering 2022".
- 2022" Certificate of Participation in "Code Innovation Series Organized by Github and Incubateind (2021)".

## Technical Skills

### Programming Languages

- Java
- HTML
- CSS
- JavaScript

### Database Management

- phpmyadmin
- MySQL

### Tools

- MS Visual Studio
- Unity
- BlueJ
- CodeBlocks

### Operating System

- Windows

## Soft Skills

- Interpersonal Skills
- Teamwork
- Resilience
- Flexibility

## Profile

Computer science graduate seeking hands-on experience with a professional team and ready to apply knowledge and talents to software development. Strong knowledge of Java. Ready to make a significant contribution to any team.

## Projects

### Chrome Extension for Drop-Down Code Editor | Web Development

- Apr 2022 • Editor in the form of an **extension**.
- Jun 2022 • Can be used for **50%** of the **python codes**.
- Users can compile their code **without** having to open any **external IDEs** or **websites**.
- **Time efficient** and **easy access**.
- **Web based project** developed to **explore** the sides of extensions other than to just build normal websites.
- **Tools: HTML, CSS/Bootstrap, JavaScript, manifest.json(file), VS Code.**

### 3D City | Graphics

- Sept 2021 • Based on **OpenGL**.
- Oct 2021 • **Graphical representation** of a city with tall buildings and cars.
- Cars are **animated** to move around.
- The whole scene can be rotated using **animation**.
- This project was developed to build the idea of how graphical representation works and as well as how animation works through OpenGL.
- **Tools: OpenGL, C++, Codeblocks.**

### Library Management System | Database Management

- Dec 2020 • **Database management** for a library.
- Jan 2021 • Features include **adding** of books, **searching**, **viewing** and **issuing** them.
- Not returning the issued book on time could result in a **fine** and cant be processed without fulfilling the necessary.
- Additionally **admins panel** is also available.
- This project was developed with an idea in mind of **managing books without any hassle** and **keeping track of oncoming and ongoing books**.
- **Tools: HTML, CSS/Bootstrap, PHP, JS, VS Code, phpMyAdmin.**

## Extra Curriculum

### Run | Game Development

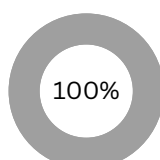
- Jan 2022 • A game similar to the endless dino run game.
- (1 Week) • Player can play this game by controlling the game player and avoid obstacles, its endless.
- The idea was to understand how **game engine** works and how **Unity** uses **C#** to build a **simulation** and **entity** or **object** creation.
- **Tools: Unity, C#, Visual Studio.**

### A Joke | Game Development

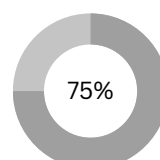
- Sept 2023 • Themed on the famous joke "Why did the chicken cross the road?".
- (3 Week) • Player can play this game by controlling the chicken and make it cross the busy road.
- The idea behind this development is to learn about how to use **textures**, **animation**, **level design**, **lighting** and further enhance the knowledge on **game development**.
- **Tools: Unity, C#, Visual Studio.**

## Language

English



Hindi



Bengali

