

Aritraditya Roy

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science Engineering (CSE)

Aug 2021 – Present

CGPA: 6.91

Narayana Junior College

Class XII - MPC

May 2021

Percentage: 90.0%

Narayana High School

Class X

March 2019

Percentage: 70.0%

Projects

Hotel Management System

Role: Full-stack Developer

Jul 2023 – Aug 2023

- Successfully developed a comprehensive hotel management system using Python, enhancing operational efficiency through seamless room booking, information management, room service, payment processing, and record management.
- Achieved robust functionality and reliability by utilizing Python libraries and modules such as 'random' and 'datetime.'
- Demonstrated full-stack development expertise by independently managing both front-end and back-end tasks, ensuring seamless integration and an exceptional user experience.

Technologies: Python (Libraries and modules: 'random', 'datetime')

Food Share Network

Role: Database Developer

Jul 2023 – Nov 2023

- Developed a website for an NGO to facilitate food and monetary donations, providing a secure and user-friendly platform.
- Implemented functions such as user registration, donation tracking, and volunteer coordination.
- Utilized HTML, CSS, JavaScript, MongoDB, React.js, and Node.js in a team of six members, focusing on database development.

Technologies: HTML, CSS, JavaScript, MongoDB, React.js, Node.js

E-Commerce Website

Role: Full-stack Developer

Dec 2022 – Jan 2023

- Spearheaded the development of an advanced e-commerce platform, emphasizing high performance, security, and user-friendly design to deliver a seamless and engaging shopping experience.
- Key features included user interface design, encrypted login and signup, secure payment processing, product management, and responsive design, showcasing expertise in full-stack development.
- Utilized technologies such as HTML, CSS, JavaScript, Node.js, and MongoDB in collaboration with a team member to ensure robust functionality and user satisfaction.

Technologies: HTML, CSS, JavaScript, Node.js, MongoDB

Forest Runner – A 2D Unity Game

Nov 2021 – Dec 2021

Role: Front-End Developer

- Programmed a richly detailed environment in "Forest Runner" with hidden secrets and challenging obstacles, achieving 90% optimization
- Collaborated in a team of three as the front-end developer.

Technologies: Unity 2D, C#, Game Sound, Asset Creation

Internships

Bharat Intern (Remote)

Oct 2023 – Nov 2023

Role: Full-Stack Developer Intern

- Contributed to the development of a video conference website with real-time communication features.
- Assisted with the implementation of video and audio communication to enhance user interaction.

Technologies: HTML, CSS, JavaScript, Node.js

InternPe (Remote)

Jul 2023 – Sep 2023

Role: Web Developer Intern

- Developed a functional and user-friendly calculator as an individual project.
- Enhanced a to-do list website with features for adding, editing, and deleting tasks.

Technologies: HTML, CSS, JavaScript

Technical Skills

- **Languages:** Python, Java, JavaScript, HTML, CSS, Kotlin
- **Developer Tools:** Postman API, Figma, Unity
- **Frameworks:** React.js, Node.js
- **Database:** MongoDB
- **Soft Skills:** Critical Thinking, Team Collaboration, Problem Solving

Certifications

- Google Cloud Computing Foundation
- AWS Academy Cloud Architecting
- HTML, CSS, and JavaScript for Web Developers
- Intro to AR/VR/MR/XR: Technologies, Applications & Issues
- Google Certified Foundations: Data, Data, Everywhere
- Create a Lead Generation Messenger Chatbot using Chatfuel

Achievements

- **Postman API Student Expert**
- **Core Member:** GeeksForGeeks VIT Bhopal Chapter
- **Coding:** 100+ days coding in leetcode and GeekforGeeks

Extracurriculars

- **Volunteer:** Crowd fundraising at Muskurahat Foundation
- **Coding Platforms:** GeeksForGeeks, LeetCode

Additional Information

- **Hobbies:** Avid Book Reader, Playing Games
- **Languages:** English, Hindi, Bengali, Telugu