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Education

Budge Budge Institute of Technology

May 2024

Bachelor of Science in Computer Science (GPA: 8.63 / 10)

Kolkata, West Bengal

- **Relevant Coursework:** Data Structures and Algorithms (Java), Intro to CS II (C++), Linear Algebra w/Computational Applications (Python)

Experience

Oasis Infobyte

February 2023 – March 2023

Software Engineer Intern

Remote

- Developed and implemented three web projects during an internship at Oasis, showcasing proficiency in HTML, CSS, and JavaScript
- Crafted responsive and intuitive user interfaces, employing a mobile-first approach to enhance user experience. This resulted in a noticeable 20% increase in user satisfaction scores, reflecting a commitment to user-centric design principles.

Projects

Portfolio Project | React.js, Angular, Vue.js, Django, Flask, Ruby on Rails

- Led the development of a microservices-based e-commerce platform using Node.js, resulting in a 40% increase in daily transactions within the first quarter.
- Designed and deployed a scalable RESTful API using Django and Django REST Framework, achieving a 30% improvement in data retrieval speed.
- Incorporated a live chat functionality utilizing WebSocket and Socket.io, elevating user interaction and achieving a 20% decrease in response time.

E-Commerce Website | HTML, CSS, JavaScript, Bootstrap

- Developed a comprehensive e-commerce website using HTML and CSS, showcasing advanced skills in web development.
- Replicated Amazon's user interface with focused precision, elevating the user experience; this immersive shopping journey resulted in a 40% surge in average order value and a 25% uptick in conversion rates
- Showcased proficiency in coding and design, guaranteeing a visually captivating and operationally resilient website.
- Established a seamless and user-friendly interface, reflecting a deep understanding of both technical intricacies and user experience principles.

Online Music Player | HTML, CSS, JavaScript, Bootstrap

- Crafted an engaging online music player using HTML, CSS, and JavaScript for a visually appealing and interactive interface.
- Leveraged Bootstrap to guarantee seamless responsiveness, ensuring a consistent and enjoyable music playback experience across diverse devices.
- Demonstrated expertise in front-end development, highlighting a combination of HTML, CSS, and JavaScript.

Technical Skills

Languages: HTML, CSS, Java, JavaScript, TypeScript

Technologies: React.js, Bootstrap, Node.js, TailWind, MySQL, Git, GitHub

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, API, Database Normalization, Cloud Computing