

Murali Krishna Basavamgari

Hyderabad, Telangana, 500080 | 7995675571 | iammuralikrishna144@gmail.com

<https://www.linkedin.com/in/muralikrishnabasavamari/>

<https://github.com/iambmk144>

EDUCATION

Nxtwave Disruptive Technologies

Jun 2023 - Ongoing

Industry Ready Certification in Full-stack Development

Geethanjali Institute of Science And Technology, NELLORE

2019 - 2023

B Tech (Bachelor of Technology)_Computer Science Engineering (CSE) (6.8 CGPA)

Sri Chaitanya Junior College, NELLORE

2017 - 2019

Intermediate_MPC (9.1 CGPA)

Zilla Parishad High Schools, NELLORE

2016 - 2017

Secondary School Of Certificate (7.5 CGPA)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript*, React.js*

Backend: Python, Express*, Node.js*

Databases: SQLite

Other skills: Data Structures & Algorithms, Git, Microsoft SQL Server, OOPs

*courses yet to be completed

PROJECTS

Food Munch (bmkrest.ccbp.tech)

A responsive website that lets you browse through a wide range of food items with ease.

- Built with a mobile-first approach, this website features HTML structure elements and Bootstrap components to ensure seamless navigation.
- Get a clear view of the food items with product videos, available at your fingertips.

Technologies used: HTML, CSS, Bootstrap

Tourism Website (bmuralikrishna.ccbp.tech)

Developed tourism website where users can browse through the content, videos and images of popular destinations.

- Implemented mobile friendly layout using different HTML block, inline elements, and Styled using CSS3 properties such as background, flex, and CSS box model properties.
- Implemented multiple images of a particular destination in a carousel using bootstrap carousel and virtual tour videos using bootstrap embed component.

Technologies used: HTML, CSS, Bootstrap

Portfolio Website (mydevelopment.ccbp.tech)

A beautifully designed website to showcase the portfolio of a person, highlighting their projects, skills, testimonials, and contact information.

- Built with HTML structure elements and Bootstrap components, offering a user-friendly and responsive layout. Features a dynamic testimonial carousel, displaying endorsements from a diverse range of sources.

Technologies used: HTML, CSS, Bootstrap

Enabling Efficient, Secure and Privacy-preserving Mobile Cloud Storage ()

Developed an innovative mobile cloud storage scheme aimed at ensuring data confidentiality and privacy, with a focus on protecting access patterns.

Implemented an Oblivious Selection and Update (OSU) protocol based on onion additively homomorphic encryption. This protocol allowed clients to retrieve and update encrypted data items seamlessly, significantly reducing computation and communication overheads.

Contributed to the design and implementation of a 'verification chunks' method, enhancing the scheme's resilience against malicious cloud servers.

Demonstrated valuable properties, including a fine-grained data structure, lightweight client-side computation, and constant communication overhead, making the solution well-suited for mobile cloud storage scenarios.

Technologies used: Networking Privacy Preservation, Security, Cloud Computing

ACHIEVEMENTS

SQL Mastery: Conqueror of Basics

Mastered HackerRank's SQL (Basic) challenge, adept in crafting simple queries, understanding table relationships, and utilizing aggregators. Excelled in diverse problem-solving, demonstrating solid database management skills and query optimization. This achievement underscores dedication to mastering SQL fundamentals for advanced database development and analysis

SQL Proficiency: Intermediate Explorer

Mastered HackerRank's SQL (Intermediate) challenge, excelling in complex joins, unions, and sub-queries. Demonstrated adeptness in navigating intricate database structures for efficient data retrieval and analysis, marking a significant advancement in SQL skills.