Venkata Prasanna Tippabathini

Full-Stack Developer

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Career Objective

Dedicated Full-Stack Developer adept at leveraging a comprehensive skill set in front-end, back-end and database management. Seeking opportunities to apply technical process in crafting immersive web experiences and dynamic applications, contributing to innovative projects while ensuring optimal user-eccentric solutions.

Technical Skills

- **Programming Languages:** Python
- **Front-End:** HTML, CSS, Bootstrap, JavaScript, React.js
- **Back-End:** Express, Node.js
- **Databases:** SQLite
- **Version Control:** Git/GitHub
- **Operating Systems:** Windows, Linux
- **Cloud Computing Platform:** Amazon Web Services (AWS)
- **AWS:** EC2, IAM, VPC, VPC Peering, NAT Gateway, EBS, EFS, Elastic Beanstalk, S3,Cloud Watch, Cloud Front, Load Balancing.

Educational Project

PLANNING,ANALYSIS,DESIGN AND ESTIMATION OF G+3 DUPLEX BUILDING BY USING STAAD.PRO :

The project aims for understanding the concept of structural design with the help of computer aids.
Analysis and Design of a structure.
- Understanding the design and detailing concepts.
- Learning of Staad.PRO & AutoCAD.
- Learning of analysis and design methodology which can be very useful in the field.
- Approach for professional practice in the field of structural engineering.
- Detailing of beams, columns, slabs with section proportioning and reinforcement

Personal Projects

Tourism Website Project - (3623.ccbp.tech)   Feb 2023 – March 2023

- Crafted an immersive web interface allowing users to explore top travel destinations through images, videos, and descriptive content.
- Developed a mobile-optimized interface utilizing HTML and CSS techniques, resulting in a 40% increase in mobile user engagement.
- Applied destination galleries and virtual tour videos employing Bootstrap carousel and embed components, enhancing user interaction.
- Combined user-eccentric design principles, leading decrease in bounce rates and a 30% increase in average session duration.
- Employed responsive design strategies, achieving improvement in cross-device usability and user satisfaction.
- Enhanced website performance, achieving a 25% faster loading time and ensuring a seamless browsing experience.

Food Munch Website - (foodmunchvp.ccbp.tech)   Feb 2023 – March 2023

- Engineered a responsive website facilitating easy navigation across a wide array of food items, contributing to a 30% increase in user accessibility.
- Implemented a mobile-first approach using HTML structures and Bootstrap components, resulting in faster page load time and enhanced user experience.
- Integrated product videos for each item, leading increase in user engagement and rise in average session duration.
- Designed an intuitive interface, reducing user search time and increasing user retention by 25%.
- Optimized the website's back-end functionality, resulting reduction in server response time and improved site reliability.
- Conducted testing and implemented user feedback, resulting increase in conversion rates and improved customer satisfaction.

Education

- Bachelor of Technology in Civil Engineering   August 2016 – Mar 2023
  St. Mary's Group of Institutions

- Board Of Intermediate Education   August 2013 – June 2016
  Krishnaveni Junior College

Certifications

- Completed Full-stack Development Certification – NxtWave Disruptive Technologies

- Completed AWS - Cloud Formation - Amazon Cloud Practitioner Foundational Certificate