Haren Akula

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EDUCATION

Master of Science, Software Engineering

George Mason University • Fairfax, Virginia • May 2024 • 3.96

• Awarded Distinguished Academic Achievement Award

Bachelor of Engineering, Computer Science Engineering

Maturi Venkata Subba Rao Engineering College(Affiliated to Osmania University) • India • July 2022 • 7.4

EXPERIENCE

Web Developer Intern

WoMen of Connections Ministry   **August 2024 - Present, Richmond, VA**

• Collaborated with a team of 4 developers, resolving technical issues, prioritizing tasks, and refining content criteria, which led to a 30% increase in user engagement.
• Managed and updated content across 3 resource pages, resulting in a 20% increase in site traffic due to improved relevance and SEO practices.
• Evaluated and optimized code for 100% compliance with industry standards, enhancing cross–browser/device compatibility by 35%.
• Optimized the UI design and layout to ensure responsiveness, consistency and pleasing layout across varied browser dimensions.
• Collected, cleaned, and processed data of 1200+ records for a resource page, enhancing the accuracy and relevance of information, which increased resource page visits by 20%.
• Automated and enhanced information collection and analysis workflows, improving data privacy, consistency, and reducing processing time by 30%.

PROJECTS

Paws and Tails

• Designed and developed a user-centric front-end for an e-commerce website from concept to completion within 4 months.
• Leveraged HTML, CSS, Bootstrap, and JavaScript to create a visually appealing and user-friendly interface that streamlined the pet product browsing and purchasing experience, reducing time spent navigating by 20%.
• Implemented UI/UX best practices to improve navigation, product search, and checkout processes, enhancing user experience for the Paws & Tails online pet store leading to an increase in UI ratings of the application by 12%.

Personal Portfolio

• Designed and developed a fully responsive portfolio website, enhancing user engagement by 30% through an intuitive UI/UX.
• Leveraged HTML, CSS, and JavaScript to create a dynamic platform that effectively showcases projects, skills, and experience.
• Optimized site performance, achieving a 25% reduction in load times, and ensured 100% cross-browser compatibility.

Quiz Api

• Designed and implemented a RESTful quiz API using Spring Boot, incorporating PostgreSQL for database management, resulting in a scalable and maintainable architecture.
• Tested and validated the endpoints using Postman, ensuring robust API functionality and achieving 99% success rate in response accuracy and reliability.
• Optimized database queries and API performance, leading to a 20% reduction in response times and enhanced overall application efficiency.

CERTIFICATIONS

Certified AWS Developer Associate

AWS • August 2024

Python and its data structures

IIT Bombay

PostgreSQL

Coursera • 2023

SKILLS

Programming languages: Java, Python, C++, Java, HTML, CSS, Bootstrap, PostgreSQL, SQL, JavaScript.

Tools & Frameworks: : Jupyter Notebook, Google colab, VS Code, Spring, IntelliJ, Postman, AWS, Git Version Control.