Harsh Kumar

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SUMMARY

Results-driven Software Engineer with expertise in C++, Java, and C#. Skilled in Front-End development with HTML, CSS, Bootstrap and JavaScript. Proficient in Back-End development using ASP.NET Core and experienced in database management with MySQL. Proven leadership abilities in spearheading successful project delivery. Highly motivated and committed to delivering innovative solutions. Seeking to leverage technical acumen and collaborative skills to contribute to dynamic organizations.

EDUCATION

Bachelor of Engineering
Visvesvaraya Technological University · 2023 · 7.88 CGPA

INTERNSHIP

Jr. Software Engineer - Trainee
iRely Soft Services Pvt Ltd   **August 2023 -September 2023**
· Created a robust, MVVM-based Movie Rental System using Sencha ExtJS for the frontend and ASP.NET Core for the backend.
· Designed and maintained SQL Server database for efficient data storage and retrieval, ensuring data integrity.
· Implemented secure user authentication and authorization using ASP.NET Core Identity, enhancing system security and user experience.

Web Developer Intern
Business Web Solutions   **September 2022 - November 2022**
· Spearheaded Front-End development, crafting captivating and interactive User Interface (UI).
· Ensured seamless website responsiveness across various devices, enhancing user accessibility.
· Drove Back-End initiatives, delivering rapid and flawless loading of website pages.
· Leveraged HTML, CSS, JavaScript, and jQuery to architect and optimize webpages, elevating user experience.

SKILLS

Programming Languages: C++, C#
Database: MySQL, MongoDB
Front End: HTML, CSS, Bootstrap, JavaScript, React Js
Back End: ASP.NET Core
Cloud Technology: Google Cloud Platform

PROJECTS

Student Database Management System
Minor College Project
· Created a dynamic website to efficiently manage student records within a school or college environment.
· Spearheaded Front-End development using HTML, CSS, JavaScript, and Bootstrap, delivering a visually appealing and user-friendly interface.
· Employed MySQL as the robust database solution, ensuring seamless data storage and retrieval for enhanced efficiency.
· Utilized Python to optimize website functionality and performance.

Early Detection of Alzheimer's Disease Using MRI Scans
Major College Project
· Led a high-performing team of four members in the end-to-end development of a groundbreaking website capable of accurately detecting the stage of Alzheimer's disease and identifying the infected brain region from input MRI scans.
· Orchestrated project planning, requirement gathering, and seamless implementation, ensuring the team's synergy and successful project delivery.
· Implemented cutting-edge CNN (Convolutional Neural Network) and Watershed algorithms, resulting in precise and efficient disease stage prediction and brain region segmentation.
· Employed Bootstrap, Python, TensorFlow, Flask, and NumPy to create a sophisticated and user-friendly platform, providing advanced medical insights.

Inventory Management System for E-commerce Platform
Fastest Coder First Hackathon
· Led a team in a high-stakes hackathon, sponsored by Microsoft Azure, to develop an innovative Inventory Management System for an E-commerce platform. The system empowered users to seamlessly add, update, and remove products while providing real-time visibility of available stock.
· Spearheaded database design and optimization, ensuring efficient data management and storage.
· Demonstrated expertise in Front-End development using HTML, CSS, and Java, creating an intuitive and user-friendly interface.
· Leveraged Spring Boot to build a robust and scalable Back-End, enabling seamless communication between the Front-End and the database.
· Utilized GitHub Copilot to streamline the development process, enhancing code quality and productivity.