Devi nimisha kadiyala

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Objective

As an accomplished and motivated professional, my career objective is to leverage my expertise and experience to excel in a dynamic and innovative work environment. My goal is to drive impactful results through meticulous attention to detail and an analytical approach to problem-solving. I strive to cultivate collaborative relationships with colleagues and stakeholders, fostering a culture of excellence and continuous improvement. Ultimately, I aspire to be a catalyst for change and innovation, shaping the future of the industry and driving business success.

TECHNICAL SKILLS

**Programming Languages:** C, Java, JavaScript, TypeScript

**Web Technologies:** HTML5, CSS3, SASS, jQuery, Bootstrap, React.js, Express.js, Node.js, JSON

**Front End Tools:** Eclipse, Microsoft Visual Studio C++, Notepad++, Android Studio, WebStorm, WebMatrix

**Database**: MongoDB, SQL Server, PostgreSQL, Oracle, MySQL

**Servers**: Apache Tomcat, BOSS, WebSphere, WebLogic, HITP Web Server

**Debugging** **Tools**: Chrome Elements Inspector, Firebug, IE Tester

**Operating** **Systems**: Linux, Mac OS X, Windows

**Version Control:** Git, SVN

**Design Tools:** CorelDraw, Dreamweaver, Adobe Photoshop CS5, Illustrator, Sketch, Adobe XD, Axure RP, Balsamiq, Zeplin

**Web Sockets:** Experienced in building streaming applications that enable real-time communication and data transfer.

Design Patterns: Object-oriented, test-driven, and responsibility-driven design

Experience

**Software Developer - RK INFO SYSTEMS**

JAN 2020 - DEC 2020 (REMOTE)

* Collaborate with cross-functional teams using Agile methodology to design, develop, and deploy software solutions for web and mobile applications.
* Utilize software development best practices to ensure the delivery of high-quality, scalable, and user-centric products.
* Employ data structures and algorithms to optimize application performance and efficiency.
* Conduct thorough testing and quality assurance to identify and fix any bugs or issues, ensuring a seamless user experience.
* Stay up to date with the latest technologies and industry trends, continuously enhancing skills and knowledge in software development.
* Work on cutting-edge technologies such as JavaScript, React, and Typescript to develop intuitive and visually appealing user interfaces.
* Collaborate with product management, architecture, and UX teams to create applications that meet business goals and user needs.
* Implement secure and accessible technologies to enhance user experience and protect user data.
* Provide technical support and troubleshoot issues related to software functionality, performance, and security.

## Graphic Designer - Papa John's (Freelance)

## Aug 2022 - Mar 2023 (Remote)

## Collaborated with Papa John's marketing and advertising teams to create visually appealing and engaging design materials, including flyers and other marketing collateral.

## Ensured that the design materials effectively communicated the brand's message and promoted their products and services.

## Incorporated industry trends and new design technologies into the designs to keep the marketing materials fresh and relevant.

## Worked closely with printers and vendors to ensure high-quality printing of marketing materials and troubleshoot any issues during the printing process.

## Managed multiple projects simultaneously, ensuring they were completed on time, within budget, and met the company's expectations for quality and effectiveness.

## Contributed to overall branding strategies and marketing campaigns that aligned with Papa John's goals and objectives.

## Stayed up to date with the latest design trends, tools, and technologies to ensure the designs remained at the forefront of the industry.

## Presented design proposals and recommendations to project teams and management, utilizing excellent communication skills and design expertise.

Projects

**MY NEST - A RENTAL WEBSITE**

* Designed and implemented a user-friendly rental website using HTML5, CSS3, and JavaScript.
* Developed intuitive user interfaces, search functionalities, and back-end integration for booking management and payment processing.
* Ensured website security and privacy through SSL encryption and implemented measures like user authentication.
* Optimized website performance by monitoring traffic, user behavior, and conversion rates.
* Collaborated with marketing and content teams to develop online marketing strategies.
* Updated and maintained the website based on user feedback and market trends.

**HOME AUTOMATION USING RASPBERRY PI**

* Designed a web interface using HTML, CSS, and JavaScript to remotely control and monitor connected devices.
* Integrated the web interface with Raspberry Pi and connected devices for home automation.
* Implemented security features like user authentication and secure communication protocols.
* Monitored system performance and troubleshooted any issues with the web interface or connected devices.

**LET’EM COOK – A RECIPE SHARING WEBSITE (CASE STUDY)**

* Designed and implemented a dynamic recipe sharing website using HTML5, CSS3, and JavaScript.
* Developed user-friendly interfaces for browsing, searching, and submitting recipes, ensuring a seamless user experience.
* Implemented user registration and authentication functionalities to ensure a secure and personalized experience for users.
* Integrated social sharing features to enable users to easily share recipes on various platforms and expand the website's reach.
* Optimized website performance by leveraging caching techniques and minimizing loading times, enhancing the overall user experience.
* Collaborated with a team of content creators to curate and publish high-quality recipes and cooking tips, ensuring a diverse and engaging platform.
* Continuously updated and enhanced the website based on user feedback and emerging food trends to provide fresh and relevant content.
* Implemented SEO strategies to improve search engine visibility, attract a wider audience, and drive organic traffic to the website.
* Ensured cross-browser compatibility and responsive design to deliver a seamless user experience across different devices, enhancing accessibility and usability.

**COVID-19 DETECTION USING CHEST X-RAYS WITH CNN MODELS**

* Developed a deep learning project for detecting COVID-19 using chest X-rays by leveraging CNN (Convolutional Neural Network) models.
* Collected and curated a large dataset of chest X-ray images, including COVID-19 positive, COVID-19 negative, and normal cases.
* Preprocessed the dataset by resizing, normalizing, and augmenting the images to improve model performance and generalization.
* Designed and implemented CNN architectures, such as ResNet, VGG, or DenseNet, to extract relevant features from the chest X-ray images.
* Trained the CNN models using the labeled dataset, optimizing the hyperparameters and loss functions for optimal performance.
* Conducted rigorous testing and evaluation of the trained models on separate test sets to assess their accuracy and effectiveness in COVID-19 detection.
* Leveraged techniques like transfer learning and fine-tuning to improve model performance and adaptability to new datasets.
* Implemented visualization techniques to interpret the CNN models' predictions and gain insights into the features contributing to COVID-19 detection.
* Developed a user-friendly interface or web application to facilitate easy upload of chest X-ray images for COVID-19 detection.

Education

**MASTER’S IN COMPUTER & INFORMATION SCIENCES - 4.0 GPA**

New England College, NH

Aug 2022 - May 2023

* Coursework: Database Design, Information Security, Python Programming, Cloud Computing Concepts

**BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING - 3.23 GPA**

KL Deemed to be University, Guntur, India

Aug 2017 - May 2021

* Coursework: Web Development, OOPS, Data Structures, Operating Systems, DBMS, Big Data Analytics, Software Engineering, Distributed Computing