Devi nimisha kadiyala

# Albany, NY | (848) 437-0200

# https://nimishakadiyala.github.io/nimisha-portfolio/ | kdevinimisha@gmail.com

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

**Testing and QA:** Test Automation, Unit Testing, Integration Testing, Performance Testing

**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)

* Developed accessible web applications using modern UI/UX technologies, including JavaScript, React, and TypeScript, to create inclusive and user-centric designs.
* Conducted user research and usability testing to ensure the accessibility and usability of web applications, catering to diverse user needs and preferences.
* Collaborated with cross-functional teams using Agile methodology, effectively communicating and aligning with product management, architecture, business, and UX teams to deliver exceptional user experiences.
* Created wireframes, high-fidelity mockups, and prototypes for web and mobile applications using design tools such as Photoshop and Figma, considering accessibility principles and guidelines.
* Implemented design guidelines and style guides to ensure consistency and scalability across multiple products and platforms, promoting accessible design practices and ensuring a seamless user experience.
* Developed reusable UI components and modules, optimizing UI application development and improving efficiency in creating accessible interfaces.
* Executed all phases of the software development life cycle, including analyzing, designing, developing, testing, deploying, and maintaining applications, while adhering to accessibility standards.
* Conducted thorough testing and quality assurance using tools like JIRA and Mocha, identifying and resolving any accessibility issues or bugs in the website to ensure a high-quality user experience.
* Tested applications extensively across different devices, browsers, and operating systems, ensuring cross-platform compatibility and accessibility using tools such as Chrome Elements Inspector, Firebug, and IE Tester.
* Implemented performance optimization measures, such as image compression, code minification, and caching using Gulp and Grunt, to enhance website loading times and overall performance.
* Implemented best practices for website performance, including optimizing server-side scripts using Express.js, reducing HTTP requests, and optimizing database queries using MongoDB, resulting in improved user experience and search engine rankings.
* Integrated filters, sorting options, and powerful search functions to enable efficient and accurate search results, providing personalized recommendations and enhancing the overall user experience.
* Integrated secure and reliable payment gateways, implementing encryption and security measures using Express.js and design patterns like Decorator and Singleton to protect user data and ensure secure transactions.
* Conducted thorough testing of payment gateways using Jasmine and Karma, ensuring smooth and error-free transactions for users.
* Successfully launched the e-travel website for Dharamshala Adventures, meeting project goals, delivering a high-quality product, and providing an accessible and user-friendly travel booking experience.

## 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 troubleshot 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