SHOVA NIRAULA

Web Developer/QA

Contact

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GitHub
https://github.com/shova-niraula

Skills

TECHNICAL COMPETENCIES

Languages: JavaScript - ES6 & ES7, Node JS, PHP OO, SQL, PL/SQL, JavaScript

Web: HTML, HTML5, CSS, SCSS, Bootstrap5, JSON

Databases: MySQL, MS Access

Tools: JetBrains – WebStorm, VS-Code, Postman, MS Office packages

Frameworks: Express JS,

Web Developer/QA

(LAWFUL PERMANENT RESIDENT - NO VISA SPONSORSHIP REQUIRED)

Resourceful Web Developer lends a hands-on approach to customizing web presence strategy. More than five years of experience working on outlining organizational needs and translating them into extensive lines of code that support objectives. Adept at creating scripts using HTML, CSS, and JavaScript to convey unique branding and promote sales and marketing opportunities. Specialty supporting intricate backend needs and lending assistance throughout the webpage lifecycle. Accomplished Front End Web Developer/ with five years of designing online assets to attract maximum engagement and conversions from ad placements. Expert at growing traffic and building consistent, flourishing ad and e-commerce revenue sources. Adaptable to unique compliance and regulatory issues for the Information Technology industry. I have also got experience working as QA as well.

Work History

2021-01 - Current

Developer/QA Testing

*Center of Information Technology, Jhapa Nepal (*working remotely from the US*)*

- Developed front end to create an impressive user experience using front-end technologies like HTML5, CSS, JavaScript, and jQuery libraries.
- Implemented software modules using modern programming languages.
- Coordinated with the developers' team to write and implement new software functionality.
- Developed backend using PHP-MySQL
- Worked on creating RDBMS tables and writing store procedures, triggers, and SQL queries using MySQL.
- Developed unit tests for test-driven development.
- Oversaw back-end development using PHP to maintain website integrity.
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Ran debugging tools to eliminate flaws and glitches before publishing.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript,

jQuery, React.

CMS: SharePoint Online, PHP CMS, Joomla, WordPress

Web Servers: XAMPP, LAMP

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Web Servers: XAMPP, LAMP

Platforms: Windows & Linux, Amazon Web Services

Version Control: GIT, GitHub, Bitbucket, TFS

Platforms: Windows & Linux, Amazon Web Services

Project Management Tools: Jira

AJAX, and JSON coding.
- Provided front-end website development using WordPress, WIX, and other editing software.
- Discussed site and app requirements with clients to produce actionable development plans.
- Generated web hosting presence to accommodate specified needs and maintain files.
- Applied emerging technologies to update and maintain site applicability.

2020-06 - 2020-12

Software Developer

CSquared Systems, LLC, Manchester, USA
Contribution
- Worked on the front-end design of the company's business model for the Site Portal (device monitoring system) using Figma
- Implemented the approved design using HTML, CSS, and SCSS
- Worked with the Angular/React developers to explain the design made to ensure that the right strategy and working method were implemented
- Met the unique needs of the customer
- Worked with HTTP credentials and web scraping
- Worked with SNMP and HTTP protocols
- Closely worked with stakeholders to design the requirement of front-end application using Figma
- Experienced in working with Linux Environments (Ubuntu 14.04 and 16.04)
- Updated old code bases to modern development standards, improving functionality
- Designed customized solutions for proposals to potential customers
- Developed precise specifications for project plans using customer requirements
- Collaborated on stages of the systems development lifecycle from requirement gathering to production releases

2019-09 - 2020-05

Associate Web Developer

Southern New Hampshire University, Manchester, USA
- Developed and modified the internal web portal of SNHU with HTML, CSS, JavaScript, and SharePoint

Online
- Worked with Microsoft TFS to manage source code
- Enhanced the navigation and user experience of the web portal
- Modernizing the style and functionality of the Web Pages
- Standardizing pages and creating templates of pages to be utilized by the rest of the team
- Presenting proposals to Leadership
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding.
- Adhered to SEO best practices while designing sites.
- Generated web hosting presence to accommodate specified needs and maintain files.
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Applied emerging technologies to update and maintain site applicability.
- Engaged with clients to plan and optimize site issues and queries.
- Implemented changes and integrated requested elements to streamline business operations
- Discussed site and app requirements with clients to produce actionable development plans
- Oversaw technical issues and troubleshooting requests to resolve user problems
- Generated web hosting presence to accommodate specified needs and maintain files on account
- Developed technical solutions required to accommodate specific user-facing assets

2013-03 -
2017-03

Web Developer

Birtamode, Jhapa

- Developing front end to create an impressive user experience using front-end technologies like HTML5, CSS, JavaScript, and jQuery libraries
- Implementing software modules using modern programming languages
- Coordinating with the team of developers for writing and implement new software functionality
- Developing front end to create an impressive user

experience using front-end technologies like HTML5, CSS, JavaScript, and jQuery libraries

- Developing backend using PHP-MySQL
- Working on creating RDBMS tables and writing store procedures, triggers, and SQL queries using MySQL
- Developing unit tests for test-driven development
- Developing various desktop applications using Microsoft VB.NET technology
- Mentoring junior software developers with the codebase and diagnosing the issues., Contribution
- Implemented objected-oriented feature
- Designed UI forms & reports using HTML, CSS, and Bootstrap
- Worked with various DBMSs like MySQL, MS-Access, and Oracle
- Developed functions and store procedures using SQL and PL/SQL for the application
- Wrote database queries using SQL and PL/SQL, Triggers for accessing, manipulating, and updating the MySQL database
- Performing the responsibilities of implementing and hosting systems on a web server (ipage.com)

Key Projects

Web-Based Result Management System: Created application integrating registration, examination, result publication, and evaluation for academic institutions

- Designed databases and coded modules
- Used OO PHP, MYSQL, CSS, jQuery, etc.
- Responsibilities: Worked with core PHP, UI design using HTML, CSS, Bootstrap & JavaScript, worked with OO PHP, designed database, executed CRUD operations, added some dynamic behavior and form validation using jQuery and Angular JS

Organizational Websites:

- A complete website for some schools, colleges, NGOs, and small-scale businesses
- The website is developed using PHP CMS like Joomla, WordPress & Drupal
- Responsibilities:
- Requirement collection, working with components,

modules, plugins & articles, web hosting, designing the content and the layout of the web using template designing, and consuming Restful web services

Car Rental System: This project converts the VB.NET desktop application to an enterprise-based web-based application

- Worked for vehicle registration, payment, and billing
- Responsibilities: Creating UI form using HTML, Bootstrap, JavaScript, Ajax & jQuery; creating units; implementing design patterns like an abstract factory, strategy, observers, etc.; adding security for authentication and authorization; implementing Restful web services.

Tax Clearance System: Developed tax management systems for deployment in municipalities throughout Nepal; developed dynamic multilingual module; designed web app architecture and database Responsibilities:

- Creating UI forms, adding user login module, working taxpayer module to perform various CRUD operations, and database design
- Worked with the MVC model and implemented business logic (service layer)
- Worked with the user interface using various controls, implemented event-driven programming, designed database (MySQL)
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding.

Technologies Used: HTML, HTML5, CSS, SCSS, PHP, Bootstrap5, jQuery.

2013-03 - 2017-03

Lecturer & Project Supervisor

Birtamode

- Assisted undergraduate students in technical projects
- Designed and distributed lecture handouts to round out material and increase student understanding.
- Created and designed quizzes, tests, and projects to assess student knowledge.
- Impartially evaluated students' papers, projects, and

- homework assignments, delegating grading to teaching assistants when appropriate.
- Conducted engaging in-class discussions to facilitate learning and encourage participation.
- Taught a diverse student population by employing various learning styles and abilities.

Education

2019-01 -
2020-05

Master of Science: Information Technology

Southern New Hampshire University (SNHU) - 2500 N River Rd, Manchester, NH 03106

- Awarded with 4.0 GPS at the end of the program

Key courses:
- *Advance Info Technology*
- *Object-oriented Application*
- *Development, Operating System (Linux), Website Construction,*
- *Principles of Database Design,*
- *Client/Server Systems,*
- *Capstone in Information Technology*

2011-06 -
2013-06

Master of Computer Science

North Bengal University (NBU), Rammohunpur - Siliguri, Darjeeling, West Bengal

- Awarded 64% at the end of the curriculum

Key Courses:
C Programming,
- *Object-Oriented Programming,*
- *Artificial Intelligence,*
- *C with Data Structures and Algorithms,*
- *Visual Basic, Software Engineering*

Certifications

2021-02   The Complete JavaScript Course 2022: From Zero to Expert! [Udemy]

2022-01   Build Responsive Real-World Websites with HTML and CSS [Udemy]

2022-02	JavaScript Algorithms and Data Structures Masterclass [Udemy]]
2022-07	React - The Complete Guide (incl Hooks, React Router, Redux) [Udemy]

Academic Project Accomplished

Birtamode's Local Guide

Dynamic website developed using HTML, CSS, Bootstrap5, Express, EJS, MongoDB, and Mongoose.

Web-application for event-registration:

Developed using HTML, CSS, JavaScript, JQuery, PHP

Online Library Management:

Developed web-based online library management systems using HTML, CSS, JavaScript, NodeJS, and MySQL

Cloud Computing:

 Developed Cloud Server using Amazon's Eucalyptus Cloud. Acquired a solid understanding of Amazon web services during this period