SHIVANGI SINGH

Full Stack Developer, Toronto, ON, M5V

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PROFESSIONAL SUMMARY

- Experienced Web developer with over 4+ years of experience designing and developing innovative, scalable, robust and responsive web solutions.
- Proficient in a wide array of front-end technologies including HTML, CSS, JavaScript, TypeScript, jQuery, React and Next.js, coupled with understanding of back-end technologies such as C# and PHP.
- Skilled in working with various database technologies including relational databases like SQL Server and NoSQL databases like MongoDB.
- Proficient in building web applications using React.js and its ecosystem, including Redux, React Router, and Material-UI.
- Experienced in integrating Next.js with backend APIs and databases to develop full-stack applications.
- Strong knowledge in using Object Oriented Programming concepts in JavaScript and full working knowledge of DOM.
- Worked on customization of WordPress themes, including plugin development and integrating third-party plugins with websites.
- Familiarity with WordPress core functionality, including post types, taxonomies, custom fields, user roles, and permissions, enabling efficient development and troubleshooting.
- Proficient in CSS3, Sass, and CSS frameworks such as Bootstrap and Tailwind CSS.
- Understanding of HTML5 Canvas and WebGL, the underlying technologies used by Three.js for rendering 3D graphics in the browser.
- Skilled in creating responsive designs and optimizing layouts for various devices and screen sizes using Media queries.
- Committed to implement accessibility best practices, including semantic HTML, ARIA roles, And WCAG guidelines compliance.
- Have good administration experience in maintaining products like JIRA. Hands on experience with version control tools, such as GIT.

TECHNICAL SKILLS

Web: HTML, CSS, JavaScript, jQuery, XML, Twitter Bootstrap, JSON, SASS, LESS, Tailwind, Method UI, Responsive design, WordPress, TypeScript
Programming: C, C#, PHP
Testing: Jest

JS Frameworks: React.js, Next.js
Prototyping: Figma, WIX
Database: SQL Server, MySQL, MongoDB
Version Control: GIT, GitHub, Bitbucket

WORK EXPERIENCE

Company: Girl Guides of Canada | Web developer | Toronto, ON   *Oct 2022 to Dec 2023*

Responsibilities:

- Maintained, and Customized Girl Guides National, Provincial and Member Zone websites (informative website for volunteers and members) built on WordPress platform
- Customized WordPress themes to match design mockups or client preferences, including layout adjustments, styling changes, and functionality enhancements.
- Responsible in design and development of Responsive Web pages using Bootstrap Grid system, Flex layout and CSS3 Media Query's.
- Implemented responsive design principles using Tailwind CSS to ensure optimal viewing experiences across

desktop, tablet, and mobile devices.

- Extensively used CSS pre-processors like SASS for code reusability, ensuring more efficient and organized workflow.
- Developed and maintained user interfaces using React components and Next.js framework.
- Created API routes to handle server-side logic for data fetching, form submissions, and authentication using Next.js API routes.
- Defined and managed file-based routing system in Next.js for seamless navigation between pages.
- Documented codebase, APIs, and architectural decisions to facilitate collaboration and knowledge sharing within team.

Company: Porter Airlines | Software developer | Toronto, ON   *Nov 2021 to Jul 2022*

Responsibilities:
- Integrated React components with backend services and third-party APIs to retrieve and manipulate data as per application requirements.
- Contributed to the development of a REST-based Web API using C# and PostgreSQL as the backend database.
- Designed and developed custom UI components and reusable stylesheets using Tailwind CSS classes.
- Led the initiative in conceptualizing and developing Proof of Concepts (POCs) to showcase the viability and efficacy of integrating essential features into the application.
- Worked with Entity Framework and Dapper as ORM and used LINQ to query data.
- Wrote unit tests, integration tests, and end-to-end tests using testing frameworks like Jest and React Testing Library.
- Participated in code reviews and QA processes to ensure the reliability and quality of software deliverables.

Company: Classysys PTE LTD | Full Stack Developer | Bengaluru, India   *May 2017 to Dec 2018*

Responsibilities:
- Crafted user interfaces using HTML, CSS, and JavaScript, ensuring aesthetic appeal and intuitive user experiences.
- Identified web-based user interactions and developing highly responsive user interface components using React concepts
- Wrote SQL queries and stored procedures to efficiently retrieve data from databases.
- Implemented responsive design principles and media queries to ensure browser and device compatibility.
- Developed a web application utilizing Three.js, a JavaScript library, to render immersive 3D graphics in web browsers.
- Worked on synchronization of offline and online MYSQL database using master slave replication.
- Used Git for version control.

Company: Chanakya Accounting Software | Jr. Developer | Surat, India   *May 2015 to Apr 2016*

Responsibilities:
- Collaborated with cross-functional teams including designers, product managers, and backend developers to understand requirements and deliver high-quality solutions.
- Designed and developed dynamic web pages using HTML, CSS, and JavaScript.
- Used Bootstrap as CSS framework and for interaction.
- Used jQuery to program client-side interaction and Ajax calls.
- Developed web applications utilizing PHP for server-side scripting and MySQL as the backend database.
- Ensured browser compatibility from IE7 to newest browser's versions.
- Enhanced quality of source code and participated in code review sessions.

EDUCATIONAL QUALIFICATIONS

Post-Graduation in Web Design and Development |Conestoga College   *Apr 2020*
Bachelor of Engineering in Computer Science (4 Years) |Gujarat Technological University   *Jul 2014*

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