

Harpreet Kaur

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Summary

Seasoned Software Developer with over 6 years of experience in building dynamic web applications, specializing in front-end technologies such as Angular, React, as Vue.js and back-end development with PHP, NodeJS, and C#. Proven track record of delivering high-performance, user-friendly applications across a range of industries, with a focus on e-commerce, cloud-based services, and responsive design.

Skills

- **Programming Languages:** JavaScript (ES6+), TypeScript, PHP, Java, C#, HTML5, CSS3, SCSS, SASS
 - **Frontend:** Angular 2+, React & React Native, Vue.js (v2 and v3), Next.js, Flutter, Bootstrap, Tailwind CSS
 - **Backend:** NodeJS, PHP Laravel, RESTful APIs, Web API
 - **Tools & Technologies:** GitHub, Webpack, NPM, Yarn, Docker, CloudFront, Webflow.
 - **Cloud:** Azure, CI/CD pipelines
 - **Other Skills:** Agile (Scrum), MVC Architecture, Micro Frontend Architecture, Git, Redux, Pinia (State Management), RxJS, NgRx, Redis, Google Tag Manager, lint, i18n, Object-Oriented Programming,
 - **Testing & Debugging:** Unit Testing (Jasmine, Karma) E2E testing, Jest, Debugging tools.
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Professional Experience

Les Systèmes Adda Tech Inc.- Laval, QC

Front End Developer | Feb 2022 - Present

- Expertly developed scalable Angular applications using a modular approach, with custom services for data management, RxJS for reactive programming, and two-way data binding for enhanced interactivity. Created custom directives and pipes and validated complex forms to ensure data integrity and user-friendly interfaces.
- Designed and implemented reusable and scalable React components, leveraging React Hooks and custom hooks to simplify component logic and enhance reusability. Successfully managed complex application states using Redux and Context API, optimizing performance and ensuring consistent data flow, leading to improved maintainability and accelerated development cycles.
- Integrated RESTful APIs with React applications, efficiently handling data fetching, error handling, and state updates to ensure seamless communication between front-end and back-end.
- Integrated and managed third-party tools, including Unlayer HTML Email Builder, within Angular and React applications, and handled front-end integration with APIs such as Google and Meta to enhance functionality and user experience.
- Collaborated with cross-functional teams in an Agile environment, contributing to design and delivery of user-centered front-end solutions for cloud-based services.
- Utilized cloud-based tools and technology stacks to enhance new platforms for seamless cloud deployment. This involved leveraging services like Azure and Google Cloud to design, develop, and deploy scalable applications. Efforts included setting up cloud infrastructure, managing containerization with Docker and Kubernetes, and implementing CI/CD pipelines to automate deployment processes, ensuring efficient, scalable, and reliable cloud operations.

- Integrated and customized DevExtreme and Angular Material components within Angular applications to enhance UI functionality and ensure responsive, user-friendly interfaces. Leveraged Babel for cross-browser compatibility, ensuring that applications run smoothly across different browsers. Maintained robust code quality using testing framework like Jasmine and karma.
- Developed high-fidelity wireframes and prototypes using Figma and Adobe XD, enabling iterative design processes and ensuring user-centered digital experiences for cloud-based applications.
- **Technology Stack:** Angular (+12 Version), React, TypeScript, JavaScript, C#, HTML5, CSS3, Next.js, Vue.js, Angular Material, Webpack, Babel, Entity Framework, RESTful APIs, Redux, RxJS, NgRx, Git, Azure, MySQL, i18n.

Mehar Soft Technologies Pvt. Ltd. - Chandigarh, India

Software Developer | Jun 2016 - Aug 2020

- Developed and maintained scalable backend systems using Java and Kotlin, leveraging Spring Boot Framework for building robust, modular microservices and implementing RESTful APIs, ensuring high performance, security, and seamless integration with front-end components.
- Implemented Object-Oriented Programming (OOP) principles and best practices in software development to create scalable, maintainable, and efficient code, ensuring robust and reusable software architecture.
- Developed dynamic web applications using PHP Laravel framework, utilizing its MVC architecture, built-in security features, and eloquent ORM to create scalable, maintainable, and secure solutions.
- Worked with the pre-existing code to remove bugs and sanitize the form inputs on front end with JavaScript and PHP.
- Tested web pages on different browsers for consistency, identified and fixed issues before deployment, and recommended improvements to enhance performance and reliability.
- Designed and developed the GST portal for the Indian government, focusing on user-centered interfaces and security, ensuring ease of use for millions of users accessing the system.
- **Technology Stack:** Java, Spring Boot framework, PHP, Laravel framework, Ajax, JavaScript, HTML5, CSS, Bootstrap, jQuery, GitHub, LAMP, (Linux, Apache, MySQL, PHP),

Infowiz Software Solution - Chandigarh, India

Intern | Dec 2015 - May 2016

- Contributed to the development of a PHP-based internal communications tool, significantly enhancing cross-departmental collaboration and operational efficiency.
- Involved in a significant refactoring effort to implement the Laravel framework, resulting in the establishment of more standardized development practices.
- Engaged in workshops and presentations to deepen my understanding of project-related technologies and to apply best practices in software development.

Education

Diploma - in Web Programming and Internet Technologies | Sep 2020 - Sep 2022

Institut Supérieur D'Informatique (ISI) - Montreal, QC

Master of Technology (MTech.) - in Computer Engineering | May 2012 - May 2015

Punjabi University - Punjab, India