Dilpreet Bajwa
Full Stack Developer | Software Developer

MongoDB | React.js | JavaScript | C# | SQL | AWS | Git | Restful APIs | .Net | Spring Boot | CI/CD
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- Over **5+ years of experience** as a **Full Stack Developer** with expertise in designing and implementing scalable, high-performance web applications using a variety of front-end and back-end technologies
- Skilled in **front-end technologies** like **HTML5, CSS3, JavaScript, React**, delivering responsive and dynamic user interfaces
- Proficient in **backend** programming languages such as **Python, or Node.js,** utilizing their core principles and frameworks to build robust and **scalable backend solutions**
- Expertise in building and consuming **RESTful APIs** and working with **microservices architecture** to deliver modular and scalable applications
- Hands-on experience with **Bitbucket** for source code management, **Git** for version control, and setting up **CI/CD pipelines** for automated build and deployment processes
- Strong knowledge of database systems like **SQL Server, MySQL**, and **MongoDB,** with expertise in **database design**, optimization, and administration
- Proven ability to work with **cloud infrastructure** like **AWS EC2** and **AWS S3**, deploying, managing, and scaling applications in a cloud environment
- Familiarity with popular **backend frameworks** such as **Laravel, Spring, or Express.js**, leveraging their features to develop efficient and maintainable **backend systems**
- Well-versed in **deploying** and **managing** containerized applications using **Docker** and **Kubernetes** on **Azure**, demonstrating deep expertise in leveraging **Azure Kubernetes Service (AKS)** to optimize application scalability, **reliability**, and operational efficiency
- Proven ability to **troubleshoot complex technical issues**, optimize application performance, and implement innovative solutions to enhance user experience and application reliability
- Passionate about learning **new technologies** and applying **best coding practices** to ensure high-quality software with a focus on maintainability and performance
- Excellent **communication skills** with a **collaborative** approach to working with **clients, stakeholders**, and team members to gather requirements, provide **technical guidance**, and deliver successful project outcomes
- Adept at implementing **Agile/Scrum methodologies**, collaborating with **cross-functional teams**, and delivering solutions aligned with **business goals**

CSS	PHP	C#	.NET
REST API	Kubernetes	Jenkins	JQuery
CICD	Git	Angular	Docker
HTML	Node.js	React	Jest
SQL	MySQL	ASP.NET	Visual Studio
Python	JavaScript	Java	MVC
GCP	MongoDB	Agile	Typescript

- **Post Graduate** in Computer Science, Guru Nanak Dev University, India — **Aug 2015 - Apr 2017**
- **Bachelor's** in Computer Science, I.K. Gujarat Punjab Technical University, India — **Apr 2007- Mar 2011**
- Meta Front-End Developer Specialization.

Full Stack Developer   **Healthi AI, Canada**   **May 2022- Till date**

- Led the development of scalable web applications using both MERN (MongoDB, Express, React, Node.js) and MEAN (MongoDB, Express, Angular, Node.js) stacks, ensuring seamless integration between front-end and back-end systems
- Designed and implemented RESTful APIs to support both internal and external clients, ensuring secure, scalable, and efficient data exchanges
- Reduced API response time by 40% by optimizing SQL queries and integrating Redis for efficient caching, enhancing application performance under heavy traffic
- Worked closely with UX/UI designers to develop user-centric interfaces that enhance usability and improve overall customer satisfaction, contributing to a 15% increase in user engagement
- Facilitated discussions with product managers and stakeholders to refine requirements, ensuring alignment with business goals
- Implemented comprehensive unit tests using Jest, achieving 90% test coverage and significantly reducing the number of bugs in production
- Played a key role in scaling applications to support thousands of concurrent users by optimizing code, database queries, and server configurations
- Leveraged load balancers, horizontal scaling, and microservices architecture to ensure high availability and resilience in production environments
- Set up CI/CD pipelines using Jenkins, Docker, and Kubernetes to automate deployment, reduce manual errors, and shorten the release cycle
- Emphasized DevOps best practices to ensure smooth collaboration between development and operations teams, minimizing downtime and improving deployment success rates
- Mentored junior developers on best practices, design patterns, and clean code principles, contributing to the growth and success of the development team
- Acted as the technical lead on various projects, coordinating with other developers to ensure timely delivery and adherence to coding standards

Software Developer   **Seraphic, India**   **Feb 2021- Oct 2021**

- Developed full-stack applications using Node.js, Laravel, and MySQL, ensuring robust and scalable architecture for various web applications.
- Implemented secure authentication using Passport.js, effectively reducing unauthorized access and improving overall security.
- Designed and deployed web applications using AWS services like EC2 for scalable compute resources and S3 for efficient storage, ensuring seamless deployment and high availability.
- Collaborated with front-end developers to ensure smooth integration of back-end services and create a cohesive user experience.
- Utilized AWS CloudWatch to monitor and maintain application performance, quickly resolving issues and ensuring minimal downtime.
- Optimized database queries in MySQL, improving application performance and reducing query execution time.
- Worked closely with senior developers to understand and implement best practices for software development, including code reviews and version control using Git.
- Engaged in agile methodologies, participating in sprint planning, daily standups, and delivering features within tight deadlines
- Created modular, reusable middleware components in Node.js for logging, authentication, and error handling, improving code reuse and system consistency
- Utilized Laravel's Eloquent ORM to simplify database interactions and enforce data integrity through advanced relationships and constraints

PHP Developer   **RV Technologies Pvt Ltd, India**   **May 2019 - Dec 2020**

- Coordinated multiple projects, developing web-enabled applications and RESTful APIs, ensuring efficient communication between client and server-side systems.
- Implemented social media logins (e.g., Google, Facebook) and payment gateways (e.g., Stripe, PayPal) to provide users with secure, convenient authentication and payment options.
- Integrated Socket.io to develop a real-time chat module, enhancing user engagement and enabling instant communication for live support.
- Managed and optimized SQL and MongoDB queries for data manipulation, ensuring fast retrieval and improved database performance.
- Developed an intuitive quiz selection feature, supporting various question types, resulting in a 30% improvement in user experience and interaction.
- Collaborated with front-end developers to integrate backend logic with user interfaces, ensuring seamless application functionality.
- Performed thorough testing and debugging to identify and resolve issues, ensuring the smooth operation of payment, authentication, and chat modules

Software Developer   **Shine Dezign Infonet Pvt. Ltd, India**   **Dec 2017 - Apr 2019**

- Developed core PHP applications while learning and implementing the MVC architecture, which enhanced code organization and maintainability.
- Gained hands-on experience in PHP frameworks like Laravel, leveraging its features to build scalable and secure web applications.
- Created a project management web app in Node.js, focusing on improving user experience and delivering efficient task tracking and collaboration features.
- Designed and implemented a comprehensive admin module for managing various aspects of e-commerce platforms, including products, pages, menus, coupons, and ads, enabling streamlined operations and improved business control.
- Collaborated with teams to ensure that the admin module had an intuitive user interface, reducing administrative workload and enhancing usability.
- Applied best practices in backend development, ensuring security, scalability, and maintainability throughout the project lifecycle