

YASH KHAREL

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Dynamic Full Stack Developer with a strong focus on frontend and backend development. Proficient in captivating crafting UIs using React, Angular, and Redux, while architecting scalable solutions with Spring Boot, Java EE, and Hibernate. Skilled in RESTful API integration, database optimization, and Agile methodologies. Adept at unit testing, troubleshooting, and Git version control. Seeking opportunities to leverage diverse technical skills and collaborate in dynamic cross-functional teams. To contribute my versatile skill set to innovative projects as a Full Stack Developer. I aim to engineer efficient and user-centric solutions that merge my expertise in software engineering. By leveraging emerging technologies and collaborating across disciplines, I aspire to create impactful applications that elevate user experiences and drive data-driven decision-making.

TECHNICAL SKILLS

Languages	JavaScript, Typescript, Java, SQL, JSP, HTML, CSS,
Framework and Libraries	Spring Boot, Angular, React.js, Express.js, React Router, Redux, Hibernate, Vite
Frontend Technologies	ReactJS, Angular, JavaScript, JSON, HTML, CSS, TypeScript, Redux, REST APIs
Backend Technologies	Express
IDE	Visual Studio Code, Sublime Text, Eclipse, IntelliJ
Database	SQL, MongoDB, My SQL
State Management	Redux, NGRX
Application/Web Servers	IBM WebSphere, WebLogic, Apache Tomcat
Testing Tools	React Testing Library, Selenium, Cypress, JUnit
Build Tools	Ant, Maven, Gradle
Version Control	Git, GitHub, Bitbucket
Cloud Technologies	AWS, Azure, Firebase, Heroku
Technologies	Object Oriented Programming, SOAP/Rest Web Service, J2EE, JSP, JPA, JDBC, JSP, Servlet, Microservices, RESTful APIs, Docker, Kubernetes.
Others	Ant Design, Bootstrap, Material UI, Styled Components, Tailwind CSS, Canva, Figma, Axure

PROFESSIONAL EXPERIENCE

Full Stack Developer || Takeo AI, ON, Toronto

May 2023 - Present

Responsibilities:

- Engineered end-to-end applications using Java, Spring Boot, and Node.js, ensuring efficient data processing and seamless integration.
- Implemented optimized databases (MySQL, MongoDB), ensuring robust data storage and retrieval.
- Leveraged Object-Oriented Programming for modular and maintainable codebases, improving scalability.
- Integrated Kafka and SOAP/Rest Web Services for real-time data streaming and interoperability.
- Utilized Java Persistence API (JPA) and JDBC for seamless database access, reducing query response times.
- Deployed applications on IBM WebSphere, WebLogic, and Apache Tomcat, ensuring smooth operations.
- Created dynamic user interfaces with JavaScript, jQuery, React.js, Angular, and Express.js, enhancing user experience and interaction.
- Integrated frontend with microservices backend, ensuring smooth UI-service communication.
- Collaborated cross-functionally on microservices architecture design, enhancing system modularity.
- Optimized UI responsiveness using HTML, CSS, and jQuery for dynamic frontend elements.
- Conducted UI testing with Jest and Postman, ensuring frontend reliability and functionality.
- Leveraged cloud computing with AWS and Azure for scalable application deployment.
- Managed and provisioned cloud server instances, ensuring high availability and resource utilization.
- Conducted comprehensive data analytics using Matplotlib and Tableau, providing actionable insights.

Environment: React.js, Angular, Express.js, HTML, CSS, Java, Spring Boot, MySQL, MongoDB, Apache Tomcat, JavaScript, jQuery, Jest, Postman, Spark, AWS, Azure.

Responsibilities

- Blend HTML, CSS, Angular, and React to create captivating and responsive UIs, delivering visually striking user experiences across devices.
- Architect and optimize highly scalable web applications using Java, Spring Boot, and Hibernate, ensuring peak performance even under heavy traffic loads.
- Collaborate cross-functionally to gather requirements, design robust solutions, and streamline development processes for efficient project execution.
- Expertly implement RESTful APIs to extend application functionality, enrich user experience, and enable seamless frontend-backend interaction.
- Develop and maintain optimized database schemas, write SQL queries, and enforce data integrity to ensure reliability and consistency.
- Perform rigorous unit and integration testing to ensure the delivery of reliable, bug-free code, while adhering to quality standards.
- Lead Git version control practices, participate actively in code reviews, and foster a collaborative environment to maintain code quality.
- Showcase exceptional troubleshooting and debugging skills, optimizing app performance and minimizing downtime through effective issue resolution.
- Drive Agile methodologies by actively engaging in daily stand-ups, promoting communication, and maintaining consistent development momentum.
- Embrace continuous learning, staying updated with Java trends, and integrating cutting-edge solutions into projects for enhanced innovation.
- Employ advanced MVC design patterns and J2EE expertise for web-based Enterprise Apps, guaranteeing optimal performance and scalability.
- Skillfully utilize Spring Data JPA to map entities to Oracle databases, creating an efficient data management ecosystem.
- Execute Agile and Extreme Programming methodologies, leveraging JIRA for project management, and ensuring on-time and budget project delivery.
- Innovatively integrate jQuery for enhanced website interactivity, empowering users with dynamic form validation, event handling, and animations.
- Demonstrate mastery of Java 8 features, such as resource classes, lambda expressions, and Local Date objects, optimizing database operations

Environment: Angular, React, Java, Spring Boot, RESTful APIs, HTML/CSS, Unit and Integration Testing, MVC Design Patterns, J2EE Expertise, Spring Data JPA, Spring Batch, MySQL, Spark Streaming, JPA, JDBC, Resource Classes, Lambda Expressions, Local Date Objects

Software Engineer || Integrated ICT Pvt, Kathmandu, NP**Feb2018-Jun2020****Responsibilities**

- Crafted captivating user interfaces with HTML5, CSS3, and responsive design techniques, enhancing accessibility and user engagement.
- Integrated cutting-edge frontend frameworks like React to create dynamic and interactive web applications.
- Orchestrated state management using Redux , ensuring efficient data flow and synchronization within applications.
- Leveraged WebSockets for real-time data updates, providing seamless user experiences in collaborative environments.
- Collaborated with UX/UI designers to transform wireframes into pixel-perfect designs, aligning with user-centered design principles.
- Employed performance optimization techniques like lazy loading and code splitting, boosting application loading speeds.
- Ensured cross-browser compatibility by conducting thorough testing and implementing graceful degradation for legacy browsers.
- Integrated frontend unit testing using tools like Jest and Enzyme, catching and rectifying bugs at an early development stage.
- Applied Progressive Web App (PWA) principles, enabling offline functionality and increasing user engagement.
- Implemented client-side routing using libraries like React Router, enhancing user navigation and improving SEO.
- Collaborated with backend teams to design and consume RESTful APIs, facilitating seamless frontend-backend integration.
- Implemented user authentication and authorization using OAuth and JWT, ensuring secure access to application features.
- Utilized frontend build tools like Webpack and Babel to streamline development workflows and optimize code.
- Conducted frontend performance analysis with tools like Lighthouse, refining application speed and user experience.

Environment: React, Redux , HTML5, CSS3, Responsive Design, WebSocket, UI/UX Collaboration, Lazy Loading, Cross-Browser Compatibility, Progressive Web Apps (PWA), React Router, RESTful APIs, OAuth, JWT, Webpack, Babel, Frontend Performance Analysis (Lighthouse).

EDUCATION

Queen Margaret University, Edinburgh, Scotland
Masters in Business Administration

Kathmandu University, Dhulikhel, Nepal
BSc in Computer Science

REFERENCES AVAILABLE UPON REQUEST