Jeneliya Gurung

Full Stack Developer

jeneliyagurung6@gmail.com | linkedin | 251-373-6731 | New Jersey | 07306

Professional Summary:

Results-driven **Full Stack Developer** with **5+** years of expertise in building robust, scalable web applications across **front-end** and **back-end** technologies. Proficient in **Java**, **Spring Boot**, and **Spring MVC** for high-performance server-side development, with strong experience in **RESTful APIs** and **Microservices architecture**. Skilled in modern front-end frameworks such as **Angular** and **React.js**, delivering responsive, user-centric interfaces. Adept with **SQL** and **NoSQL** databases such as **MySQL**, **Oracle**, and **Cassandra** for effective data management, alongside ORM tools like Hibernate. Experienced in **CI/CD pipelines** using **Jenkins, Docker**, and **Kubernetes** for efficient deployment. Passionate about **Agile methodologie**s, **TDD**, and continuous improvement, consistently delivering solutions aligned with business goals.

Professional Experience:

J.P. Morgan Chase   New York, NY, USA
Full Stack Java Developer   Apr '23 - Present

- Designed and developed scalable **microservices** using **Spring Boot** and **Spring Cloud**, implementing business logic and ensuring seamless interaction through **RESTful** and **SOAP web services**.
- Built modern, responsive **user interfaces** with **React** and **Angular**, leveraging state management tools like **Redux** and **RxJS** to create dynamic, user-friendly applications.
- Optimized application performance by conducting **performance testing** across **UNIX** and **AWS** environments, achieving a 20% improvement in response times.
- Deployed and managed containerized applications using **Docker** and **Kubernetes**, ensuring scalability and reliability in cloud environments.
- Developed and consumed **RESTful APIs** with XML-based configurations, integrating third-party systems and enterprise platforms deployed on Apache Tomcat.
- Automated **build and deployment pipelines** with **Maven** and **Jenkins**, implementing **CI/CD workflows** for continuous integration and streamlined delivery.
- Designed and implemented robust database schemas for relational databases like **Oracle**, optimizing queries for large-scale applications using NoSQL databases such as **Cassandra**.
- Created reusable **UI components** using **HTML5, CSS3**, and **JavaScript**, enhancing cross-browser compatibility and improving the user experience.
- Wrote **unit and integration tests** with **JUnit** and **Cucumber**, achieving 90%+ test coverage and enabling automated test execution in CI/CD pipelines.
- Collaborated with cross-functional teams using **GIT** for version control and **Agile methodologies**, ensuring iterative development and timely delivery of full-stack solutions.

Environment: Java; Kubernetes; React; Angular; Spring Boot; Microservices; Performance Testing; REST web services; GIT; Jenkins; CI/CD; SOAP web services; JSON; Maven; Oracle; Cassandra; UNIX; Javascript; Junit; Spring Framework; Apache Tomcat; Cucumber; J2EE; SQL; XML; AWS;

Cedar Gate Technologies   Greenwich, CT, USA
Full Stack Developer   Aug '20 - Dec '21

- Designed and developed **ETL pipelines** to process large-scale healthcare datasets, leveraging **Java, Spring Batch**, and **Apache Kafka** for data ingestion, transformation, and real-time streaming.
- Developed **SOAP-based web services** using **XML** and **XSD**, implementing strict schema validation and ensuring compatibility with third-party healthcare systems.
- Created a **predictive analytics dashboard** using **Angular** and **Highcharts**, enabling healthcare administrators to visualize key performance indicators (KPIs) and make data-driven decisions.
- Optimized database performance by restructuring table schemas, implementing partitioning, and adding efficient indexes in **Oracle** to enhance query execution.

- Integrated **Cassandra** as a NoSQL database, ensuring fault tolerance and scalability for high-velocity healthcare data transactions.
- Migrated legacy monolithic applications to **cloud-based microservices** architecture using **AWS EC2** and **S3**, enhancing system reliability and reducing infrastructure costs.
- Developed **HIPAA-compliant APIs** with **Spring Boot** and **OAuth2**, incorporating JWT-based authentication to safeguard sensitive patient data.
- Implemented front-end optimization techniques in **React**, such as lazy loading and code splitting, improving application performance on low-bandwidth connections.
- Automated **CI/CD pipelines** using **GitLab CI/CD**, integrating testing tools like SonarQube for efficient and reliable deployments.
- Conducted **performance testing** with **JMeter**, analyzing system bottlenecks and stress testing high-traffic scenarios to meet service-level agreements (SLAs).

Environment: Java, JavaScript, Spring Boot, Spring Batch, Apache Kafka, Angular, Highcharts, SOAP, REST, OAuth2, XML, JSON, Oracle (SQL), Cassandra (NoSQL), GitLab CI/CD, SonarQube, JMeter, Docker, Maven, Unit Testing (JUnit), Performance Testing (JMeter), ETL pipelines, Apache Kafka, HIPAA

Riddhasoft   **Kathmandu, Nepal**
Front-End Developer   **Feb '18 - Jun '20**

- Designed and developed **responsive user interfaces** using **AngularJS** and **Bootstrap**, creating interactive web components that enhanced usability across various devices, including mobile and tablets.
- Implemented **dynamic front-end functionalities** such as form validations, custom directives, and reusable components, ensuring seamless integration with the back-end systems.
- **Migrated a monolithic architecture to a modular structure** by redesigning the front-end with **AngularJS**, resulting in a 30% reduction in build and deployment times and improved code maintainability.
- Optimized front-end performance by implementing **lazy loading**, reducing initial page load time, and ensuring smooth rendering across all supported browsers.
- **Collaborated with UI/UX designers** to translate wireframes and prototypes into high-quality, visually appealing web pages, adhering to responsive design principles.
- Developed client-side workflows and components, **enabling real-time data updates** and **enhancing interactivity** for a smoother user experience.
- Wrote and maintained comprehensive **technical documentation** for front-end components, ensuring team members and stakeholders understood the application's architecture and workflows.
- **Participated in Agile sprints**, gathering end-user feedback to iteratively improve front-end functionality, focusing on intuitive navigation and accessibility.
- **Integrated front-end applications with third-party APIs**, ensuring seamless communication and robust error handling for a consistent user experience.

Environment: AngularJS, Bootstrap, JavaScript (ES6+), HTML5, CSS3, Lazy Loading, Responsive Design, Cross-Browser Compatibility, Git, RESTful APIs, AJAX, JSON, Agile Scrum

Education
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Monroe College
Master of Science in Computer Science
GPA: 3.92

The British College
Bachelor of Science in Computing
First Class Honours

REFERENCES AVAILABLE UPON REQUEST