

Jeneliya Gurung

Full Stack Developer | New Jersey, USA | +12513736731 |

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About

Highly skilled Full Stack Developer with extensive experience in designing and implementing dynamic web applications, scalable backend systems, and streamlined deployment processes. Proficient in Java, Spring Boot, and JavaScript frameworks such as React and Angular, with a strong focus on enhancing user experience, system performance, and reliability. Adept at building RESTful services, optimizing databases with SQL, and automating workflows using CI/CD pipelines and scripting tools. Experienced in leveraging cloud technologies and tools like AWS EMR, to boost system scalability and ensure high availability. Demonstrated expertise in adopting Agile methodologies, conducting code reviews, and implementing security protocols to deliver robust, secure, and high-quality software solutions. Proven ability to collaborate across cross-functional teams, ensuring the successful delivery of projects and innovative solutions in fast-paced environments.

Work Experience

J.P. Morgan Chase

New York, NY, USA

Full Stack Developer

Apr '22 - Present

- Developed dynamic web applications using HTML5, CSS3, and JavaScript, delivering responsive and interactive user interfaces that improved customer engagement.
- Designed and implemented RESTful services using Spring Boot, creating robust back-end systems to support seamless integration with front-end applications.
- Improved system responsiveness by adopting event-driven patterns and integrating message queues, enabling efficient asynchronous communication between services.
- Implemented basic token-based security mechanisms to secure APIs, ensuring proper authentication and protection of sensitive data.
- Automated routine deployment tasks and server configurations using Bash scripting, reducing deployment errors and manual intervention.
- Built and maintained CI/CD pipelines with Jenkins, streamlining build, test, and deployment processes for faster and more reliable software releases.
- Enhanced system reliability by integrating application and server logging with log rotation and analysis scripts, enabling easier monitoring and troubleshooting.
- Optimized database queries using PostgreSQL, significantly improving data retrieval speeds and reducing query execution times.
- Collaborated with cross-functional teams to document workflows and create clear guidelines for maintaining and scaling application features.
- Developed unit and integration tests using JUnit, ensuring robust testing coverage and early detection of issues during the development cycle.

CEDAR GATE TECHNOLOGIES

Greenwich, CT, USA

Full Stack Developer

Aug '20 - Dec '21

- Led backend development efforts using Java/JEE, ensuring scalability and reliability in handling high-volume transactional systems.
- Developed dynamic front-end interfaces with React and JavaScript, improving user engagement and system responsiveness.
- Designed and implemented CI/CD pipelines using GitHub and Jenkins, reducing build and deployment times.
- Improved data processing and retrieval performance by 25% through advanced SQL query optimization and the use of AWS EMR for distributed data processing.
- Collaborated with cross-functional teams to enhance system performance and user experience using Spring Boot frameworks for building robust APIs and microservices.
- Enhanced web application scalability and reliability by integrating modular front-end solutions with Angular and ensuring cross-browser compatibility with HTML5 and CSS3.
- Designed and maintained secure backend systems and APIs using Spring Security, ensuring proper authentication and protection of sensitive data.
- Automated server-side tasks with Bash scripting, reducing manual intervention and improving deployment consistency.

Education

Monroe College

Master's Degree | Master of Science in Computer Science

The British College

Bachelor's Degree | Bachelor of Science in Computing

Skills

Programming Languages: Java, JavaScript, HTML5, CSS3, Python, Typescript

Frameworks: Spring Boot, Spring Security, JEE, Angular, React, Vue.js

Web Development: RESTful APIs, Responsive UI Design, Cross-Browser Compatibility, Event-Driven Architecture

Database Management: SQL, Query Optimization, AWS EMR, PostgreSQL

Cloud Technologies: AWS (EC2, S3, RDS, Lambda, ECS), Azure (App Services, Functions), Google Cloud Platform (GCP)

DevOps Tools: Jenkins, GitHub, Bash Scripting

Testing and Quality Assurance: JUnit, Integration Testing, Selenium

Logging and Monitoring: Logging Frameworks, Log Rotation, Debugging Scripts

Automation: CI/CD Pipeline Development, Server-Side Automation

Security Protocols: Token-Based Authentication, API Security, OAuth 2.0, JWT

Version Control: Git, Bitbucket

UI/UX Tools: Figma, Adobe XD

Collaboration Tools: JIRA, Confluence