Likhitha Pallerla

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3+ years experience Application Developer armed with a Graduate Program in Computer Science and Engineering and adept at delivering with lesser average delivery time compared to the actual estimate and providing the highest code quality. Skilled in creating user-friendly solutions for various platforms to boost efficiency and improve client experience, while ensuring software reliability.

EDUCATION

BML Munjal University	Gurgoan, Delhi
Bachelor of Computer Science and Engineering	*Aug. 2017 – May 2021*

Course Work: Data structures, Algorithms, Operating systems, Computer Networks, Object Oriented Programming, Database Management Systems

EXPERIENCE

Associate Java Full Stack Developer	March 2024 – Present
Goldman Sachs	*Bengaluru, India*

- **Project 1: Rolling Review**
  * Transforming the manual rolling review process into an automated workflow significantly enhances efficiency and accuracy.
  * ServiceNow platform to design and implement streamlined flows for seamless task management.
  * REST API calls for real-time data exchange.
  * JavaScript and ServiceNow scripting to customize functionalities and meet specific business requirements.
  * Collaborated cross-functionally with stakeholders to gather requirements, troubleshoot issues, and deliver tailored solutions.

Technologies/Language used: ServiceNow Platform (Flows, Scripting), JavaScript, RESTful API Integration

Lead Full Stack Developer	July 2021 – March 2024
BNY Mellon Technology	*Pune, India*

- **Project 1: Migration of Monolith to Micro-service Architecture**
  * Led the migration project, and transformed legacy C# codebase into Java Spring Boot applications, ensuring compatibility and functionality.
  * Implemented RESTful APIs for communication between micro-services
  * Integrated service discovery and load balancing mechanisms using Netflix Eureka to enable dynamic routing and fault tolerance.
  * Employed containerization technologies such as Docker to encapsulate micro-services, ensuring consistency across different environments and facilitating deployment.
  * Implemented distributed tracing and logging solutions to monitor and troubleshoot micro-services interactions, ensuring system reliability and performance.
  * Applied circuit breaker patterns (Hystrix) to handle failures gracefully and prevent cascading failures in distributed systems.
  * Employed asynchronous messaging protocols (Kafka) for event-driven communication between micro-services, enabling loose coupling and scalability.

Technologies/Language used: Java, SpringBoot, Docker, RESTful APIs, Eureka, Kafka, Grafana, Gitlab CI/CD, JWT

- **Project 2: ALMIS Dashboard - Full Stack Developer**
- **Project 3: CCAR Dashboard - Full Stack Developer**
  Key Achievements:
  * Implemented lazy loading of modules thereby optimizing the loading time by 10 seconds
  * Formulated many common functionalities to be used as dependencies by other team members
  * Responsible for designing appealing websites with UI design and back-end development.
  * Developing and maintaining the front-end and back-end functionalities of websites.
  * Responsible for HTML, CSS & JavaScript, Angular 2+, and Bootstrap development
  * Writing cross-browser compliant HTML, CSS & JavaScript.
  * Developing websites that have a consistent feel and look throughout all web properties.
  * Creating REST API for back-end data processing using Spring Boot framework.
  * Guide other team members on web development issues.
  * Testing a website & identifying bugs & technical problems.
  * Wrote unit test cases to ensure code coverage of almost 100%

- **Project 4: Authentication and Authorization**
  * Implemented LDAP authentication for robust user verification, ensuring secure access.
  * Implemented JWT token generation logic for secure and tamper-proof access tokens containing user claims and permissions.
  * Designed role-based access control (RBAC) logic to manage user permissions effectively, enhancing security measures.
  * Implemented best practices for security, including encryption of sensitive data, prevention of LDAP injection attacks, and continuous monitoring for potential vulnerabilities.
  * leveraged Spring Cloud Gateway's built-in features for load balancing, routing, and caching.
  Technologies/Language used: Java, Spring Cloud Gateway, JWT, LDAP (Lightweight Directory, Access Protocol), Spring Framework, Spring Security, Maven, RESTful API design principles, Swagger, JUnit, Mockito

Internships/ Training

Software Developer Intern   Jan 2021 – June 2021
BNY Mellon Technology   *Pune, India*
- Developed POC projects with Angular and Spring Boot as a part of migration
- Worked on the gateway mechanisms to introduce in our microservices architecture.
- Provided technical support by loading data using EDS
- Debugged and resolved bugs in the dashboard website
  Technologies/Language used: Java, JDBC, JPA, HTML, CSS, JavaScript

Software Developer Trainee   April 2019 – June 2019
DRDL - Defence Research and Development Laboratory   *Hyderabad, India*
- Online E-learning Portal: An MVC based project
- Deployed the application on Apache Tomcat server, ensuring seamless user experience and accessibility.
  Technologies/Language used: Java, JDBC, Servlets, HTML, CSS, JavaScript, Apache Tomcat server.

Awards and Achievements

- Secured **9th** Position out of 10k developers in Hackathon (Java code for good) — BNY Mellon Technology, 2023
- Awarded **'Performance Of Excellence'** for 2 consecutive years — BNY Mellon Technology, 2021, 2022

Technical Skills

Languages: Java, Python, SQL , JavaScript, HTML/CSS
Frameworks: SpringBoot, Angular, Node.js, JUnit,
Developer Tools: Git, Docker