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Anjali Nara

Full Stack Developer

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SUMMARY

As a Java backend developer with nearly 5 years of experience, I am highly motivated, results-driven Developer seeking a position to utilize my experience, skills and knowledge to create reliable, efficient and enhance user experience. I am passionate about developing and maintaining backend systems, collaborating with front-end developers and troubleshooting and resolving any bugs to solve customer complaints. I strive to contribute to the organization's success and success of the project by providing the best solutions and achieving the highest performance.

SKILLS

Programming Languages	Java, JavaScript, HTML, CSS
Frame works	Spring, Spring Boot, Junit
Web Technologies	React, NodeJS, Graph QL, Material UI, Bootstrap
Databased	MySQL, Oracle DB, NoSQL (MongoDB)
Tools	Git, Jira, Confluence, Figma, Abstract, Postman, Agile, Scrum, BMC remedy
Cloud Platform	AWS Technologies - EC2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Front, Cloud Formation, Route53, Glacier, Amazon Aurora.
Other	knowledge on YAML, Cloud formation templates, Kubernetes, Software development life cycle, test automation, DevOps, Linux/Unix, Typescript.

TECHNICAL EXPERIENCE

West Pharmaceutical Services   **December 2023 – Present**

Software Developer   *Philadelphia, USA*

- Designed and developed microservices and RESTful APIs using Spring Boot to automate the manufacturing process of pharmaceutical equipment.
- Created endpoints for data retrieval, updates, and processing requests from existing manufacturing software.
- Used Spring Data JPA and Hibernate ORM to implement efficient database interactions and management.
- Enhanced application security by implementing Spring Security for role-based access control and authentication.
- Utilized JUnit for unit testing and Selenium for automated UI testing to ensure application quality and reliability.
- Managed version control and collaboration using Git and GitHub.

University of Central Missouri   **April 2023 – October 2023**

Team member   *Missouri, USA*

- Redesigned and improved the login page's UI/UX using React.js, Boot strap, HTML, and CSS, leading to a more intuitive and user-friendly experience. Implemented real-time validation and error messaging to streamline user interactions and reduce login errors by 15%.
- Executed secure authentication mechanisms, including bcrypt for password hashing and token-based authentication, to safeguard user credentials and protect against unauthorized access.
- Developed and refined RESTful API endpoints for user authentication and session management using Node.js, ensuring secure and efficient handling of login requests and integration with the existing user database.
- Incorporated AWS CloudWatch for real-time monitoring and logging of application metrics, including server performance, error rates, and user activity.
- Enabled proactive monitoring and alerting, leading to a 35% improvement in issue resolution times. The detailed logs helped identify and fix performance bottlenecks and errors faster, enhancing the application's reliability and stability.

Tata Consultancy Services   **September 2020 – January 2023**

Vanguard *Java Developer*   *Hyderabad, India*

- Designed and implemented a continuous integration pipeline using Maven and Jenkins, improving the quality and consistency of software releases by 85%
- Assisted other teams with technical issues in the backend, reducing downtime and improving the overall efficiency of the organization.
- Conducted regular performance monitoring and optimization, increasing the stability and reliability of the application and improving customer satisfaction by 30%

Vodafone Hutchison Australia   **October 2019 – August 2020**

Java Developer   *Hyderabad, India*

- Streamlined design, development, and integration of custom REST APIs made in Java, Spring Boot with back-end server, eliminating errors and increasing efficiency by configuring API endpoints to handle up to 5,000 requests per second.
- Engineered a robust Java back-end server, improving web application performance by cutting down server response time by 35 percent.
- Worked on modernizing tools and frameworks used by legacy applications by encompassing microservice architecture and REST API design.

- Collaborate closely with stakeholders to gather requirements and create comprehensive documentation, working closely with QA teams.
- Proactive in developing standard operating procedures (SOPs) to streamline workflows and enhance productivity.
- Implement automation tools such as Jenkins for Selenium test case automation to improve testing efficiency and accuracy.
- Used WinSCP or Putty to access application Linux or Windows server to maintain and enhance the servers.
- Employed JSON and XML for communication between multiple APIs and integrated SPLUNK to monitor and record the GET or POST calls.
- Experienced in utilizing agile methodologies to manage build sprints, Kanban boards, and JIRA versions effectively.

Geethanjali Group of Institutions   **May 2019 – June 2020**
System Student Engineer   *Hyderabad, India*
- Administered university-level student portal and online forum catering to 6000 students, 500 faculty, and 15000 alumni.
- Integrated 50+ projects that helped students and faculty to interact and communicate quickly and efficiently.

PROJECTS

Developed Event Management System and Deployed on AWS
- Developed frontend and backend components of virtual event hosting platform using HTML, CSS, Java script, and Flask.
- Blended MongoDB Atlas for scalable and efficient storage of event data. The project leverages Docker to encapsulate the application into portable containers, simplifying dependency management.
- The platform enables event creation and management, dynamic scheduling, participant registration, and real-time notifications.
- Deployed and managed cloud infrastructure with AWS services (EC2, ECS, VPC, CloudWatch, IAM).

Mind-Map Master
- As part of a collaborative group effort, spearheaded the development of a sophisticated Mind-Map application. Leveraged Spring Boot framework to architect a resilient backend infrastructure.
- Employed PostgreSQL as the backend database solution, streamlining data storage and retrieval processes for enhanced efficiency.
- Led the development of the frontend application utilizing React.js. Implemented RESTful APIs to establish seamless communication between frontend and backend components.
- Required a comprehensive tech stack comprising Java Development Kit (JDK) 17, Apache Maven, PostgreSQL for the backend.

Flask E-commerce Website:
- Led the development of an innovative e-commerce website project, designed to streamline online retail operations and enhance user engagement.
- Leveraged a combination of MongoDB and Flask to create a robust backend infrastructure, ensuring efficient management of products, orders, and promotional offers.
- Utilized technologies such as MongoDB, Flask, HTML, and tailwind CSS.

EDUCATION

University of central Missouri, *Masters in Computer Science - 3.22/4*   Jan 2023 - May 2024
Jawaharlal Nehru Technological University, *Electronics and communication Engineering - 8.58/10*   July 2016 - September 2020