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RAJESH NALLA

Full stack Java developer

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Professional Summary

- 2+ years of experience in Java Full-Stack Developer with a strong understanding of the entire SDLC (design, development, implementation, deployment). Experienced in full stack development, agile methodologies, and waterfall model.
- Skilled in applying object-oriented programming principles such as inheritance, polymorphism, abstract classes, and in optimizing data structures and algorithms, which reduced runtime complexity by 25% over a 4-week optimization period.

Technical Experience

Metlife, MO | Full stack Java developer **Jan 2024 — present**

Responsibilities

- Strategically leveraged the MEAN stack to conceptualize and deploy dynamic web applications, enhancing user engagement by 30% through iterative UX/UI improvements based on detailed stakeholder and client feedback.
- Configured custom Kafka producers and consumers, reducing message processing latency by 0.5 seconds and increasing throughput to handle 10,000 messages per second.
- Designed and customized REST-based microservices with Spring Boot 2.3/2.4, integrating Spring MVC, Spring Data JPA, Spring AOP, and Spring DAO, streamlining development processes and accelerating deployment.
- Created API documentation using Swagger UI for various RESTful APIs, enhancing developer experience and accelerating integration and onboarding processes.

Tech Mahindra, India | Full stack Java developer **Jan 2021 — Nov 2022**

Responsibilities

- Contributed to the analysis, specification, design, implementation, and testing phases of the Software Development Life Cycle, utilizing Agile methodology and Scrum for developing data delivery applications, which cut project timelines by an average of 10 days per sprint and increased delivery speed.
- Developed Single Page Applications (SPA) using ReactJS, NextJS, TypeScript, HTML5, CSS3, and Bootstrap, enhancing user experience and minimizing page load times by 25%.
- Architected a microservices setup with Spring Boot and Spring REST, crafted REST API endpoints, and secured APIs using OAuth2 token-based authentication and authorization through Spring Security, resulting in a 35% improvement in API response times within three weeks.

Skills

Languages/Methodologies	Python, Java, C, JavaScript, C++,SDLC, Agile, Waterfall, Scrum
Frameworks/Libraries	Spring Boot, Spring MVC, React.JS, Node.JS, Express.js, AngularJS, NextJS, OAuth 2.0.
Web Technologies	HTML5,CSS3,ExpressJs,NodeJs,TailwindCSS,TypeScript,Ajax,XML,JSON,GraphQL,Micro-services,PHP.
J2EE Technologies	Servlets, JSP, JSTL, JavaBeans, JDBC, Microservices, Multi-threading.
Cloud and Databases	AWS (EC2, SQS, SNS, RDS, Cloud Watch), MySQL, PostgreSQL, MongoDB.
Tools	Maven, Gradle, Git, GitHub, Jenkins, GraphQL, Postman, JUnit, Swagger UI, Docker, Kafka, RabbitMQ.

PROJECTS

Parcel Management System **ReactJs, MongoDB, NodeJs, GraphQL, MicroServices**

- Utilized a full-stack approach with NodeJS, ReactJS, MongoDB, TypeScript, and GraphQL to improve processing speed and boost system efficiency and performance.
- Implemented dual-login for admin and staff, streamlining operations, saving several hours of administrative work weekly, speeding up parcel processing by an average of 10 minutes per task, and reducing unauthorized access incidents from several to nearly zero.

MernChat-app **ReactJs, NodeJs, Websockets, Tailwindcss, MongoDB, Git, ExpressJs**

- Created an interactive chat application using front-end and back-end technologies like ReactJS, Typescript, NodeJS, Web Sockets, and AWS (EC2, S3, RDS, DynamoDB, Elastic Load Balancing, Elastic Beanstalk, VPC, IAM, and CloudFront.) for seamless real-time communication.
- Secured user authentication and session management with JWT-based authentication, improving data privacy and access control by 30%, while containerizing the application using Docker and deploying it on AWS (EC2, S3), reducing deployment time by 40% and increasing system scalability by 50%.
- Utilized MongoDB for efficient chat history storage and integrated Kafka for handling distributed messaging across multiple services.

Education

Master's in Computer Science, *University of Central Missouri*, *with 3.60/4.0 GPA* January 2023-May 2024

Bachelor's in Information Technology, *Kakatiya Institute of Technology and Science*, *with 3.46/4.0 GPA* August 2018-April 2022