NIRA PAREKH

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SENIOR SOFTWARE ENGINEER

Results-driven Senior Software Engineer with a strong background in distributed systems, microservices architecture, and event-driven architectures. Experienced in leading cross-functional teams to deliver high-quality consumer-facing products and applications. Passionate about leveraging emerging technologies to drive innovation and enhance product performance, with a strong emphasis on user engagement and retention. Known for a can-do attitude, enthusiastic about leveraging a proactive mindset and resilience to tackle challenges and achieve goals.

ADVANCED TECHNICAL SKILLS

- Languages**:** Java, NodeJS, TypeScript, SQL, JavaScript, GraphQl, CSS/HTML
- Frameworks: Spring Boot, Spring MVC
- Web Services: REST, GraphQL
- Servers: Apache Tomcat
- Testing Frameworks: Junit, Jest, Protractor, Test-Driven Development (TDD), BDD, Unit Testing, Performance Testing, Regression Testing
- Databases: MySQL, Oracle, Microsoft SQL Server, DynamoDB, Aurora
- IDE: Eclipse, Visual Studio Code, IntelliJ, Atom
- Cloud Technologies: AWS (S3, EC2, ELB, EBS, Route53, VPC, CloudFormation, IAM)
- Containerization: Kubernetes, Docker
- Project Tracking Tools/CI-CD: Jira, Git, Jenkins, Bitbucket, Bamboo, Udeploy, SonarQube
- Other: Splunk, Postman, Insomnia, Planit, SSPD, Figma, SNOW, Akamai, Tridion Sites9, Content Porter, Template Builder, Secret Management

PROFFESIONAL EXPERIENCE

Senior Full Stack Engineer | Fidelity Investments | Remote | June 2022 – Present

- Led cross-functional teams in the migration of 8 team's Apps to KAD infrastructure, achieving zero customer impact.
- Spearheaded integration of Tridion Sites9 for web page development, optimizing dynamic page creation and maintenance, improving page loading times by 20%, and enhancing user engagement by 15%.
- Leveraged NodeJS and Java for API integration, reducing data retrieval times by 25% and ensuring smooth frontend-backend communication.
- Implemented monitoring strategies using Splunk and Datadog, resulting in a 30% decrease in production incidents and improved system stability.

- Collaborated with stakeholders including Product, UX, and Data Science to gather requirements and propose technical solutions, enhancing project efficiency by 10% and ensuring timely milestone delivery.
- Designed and developed a microservices-based financial services platform using event-driven architecture, improving scalability and performance.
- Deployed scalable applications on AWS using Kubernetes for container orchestration, improving resource utilization and cost efficiency.
- Implemented security measures such as input validation, encryption, and access control to safeguard financial data.
- Acquired proficiency in CMS Tridion Sites9 to design dynamic and static pages, enhancing website functionality and user experience.

Key Achievements:

- Guided and mentored a team of 6 developers, implementing Agile methodologies and regular code reviews, enhancing sprint velocity by 15%.
- Championed the adoption of Agile and DevOps methodologies, increasing productivity and accelerating time-to-market.
- Actively provided guidance in front-end development, assisting teams in implementing dynamic and responsive user interfaces.
- Conducted in-depth data analysis using SQL, delivering actionable insights for informed decision-making.
- Orchestrated seamless deployments of applications on web/application servers like Apache Tomcat.
- Enhanced understanding of SEO principles, implementing strategies to improve website visibility and search engine rankings.
- Developed expertise in accessibility standards, ensuring compliance with WCAG guidelines.

Java Developer | Vanguard | Malvern | May 2019 – June 2022

- Designed and implemented a microservices architecture using Java, Spring Boot, and Docker, breaking down monolithic applications into smaller components.
- Led SDLC processes encompassing requirement gathering, analysis, development, testing, and implementation. Employed Agile, SAFE, SCRUM, and TDD methodologies to deliver high-quality solutions.
- Developed microservices using Java, Spring Boot, and Hibernate, implementing unit tests with JUnit and BDD, reducing post-release defects by 20%.
- Designed and implemented AWS solutions leveraging services like AppSync API, S3, EC2, and CloudFormation. Achieved a 25% cost savings through resource optimization.
- Streamlined SQL query generation and data modeling, improving database performance by 30%.
- Developed RESTful APIs for communication between microservices, ensuring loose coupling and scalability.

- Employed event-driven architecture patterns such as publish-subscribe messaging with Amazon SQS for asynchronous communication between microservices.

Key Achievements:

- Obtained AWS Cloud Practitioner Certification, demonstrating dedication to ongoing professional development.
- Conducted unit testing using JUnit, Cucumber, BDD, and TDD. Leveraged debugging skills to enhance code quality and application performance.
- Experienced in scripting languages such as Linux and Unix, proficient in various technologies including Spring Boot, Maven, Hibernate, and RESTful web services.
- Developed AppSync API with GraphQL queries in AWS, storing data in DynamoDB/Aurora tables. Utilized tools such as IntelliJ IDEA, Eclipse, Postman, Bamboo, Bitbucket, WebStorm, and Splunk for production support and issue resolution.

EDUCATION/CERTIFICATION

NORQUEST COLLEGE | ASSOCIATE DEGREE IN NURSING | 2009 – 2013

ZIPCODE WILMINGTON JAVA BOOTCAMP OCT 2018 – JAN 2019

AWS CLOUD PRACTIONER CERTIFICATION – 2021