JAYDEEP DOBARIYA

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EXPERIENCE

Backend Software Engineer   Apr 2024 - Present
Shoptaki Inc   *Staten Island, NY*

- Spearheaded the development of a secure **SSO authentication system** in **Java** and **Spring Boot**, implementing **OAuth 2.0** and **JWT** to centralize access control and enhance user experience across platforms.
- Managed scalable **microservices** with **Kubernetes**, ensuring high availability and performance.
- Automated CI/CD pipelines with **GitHub**, **AWS EC2** and **EKS**, cutting down deployment time by 35%.

Full Stack Developer Intern   Jan 2023 - Dec 2023
Stevens Institute of Technology, Hanlon Lab   *Hoboken, NJ*

- Developed **Spring REST APIs** for real-time financial data streams, efficiently processing large datasets.
- Leveraged **Apache Kafka** to boost data throughput by 40%, reduced lag in financial reporting and provided up-to-date market feeds and transaction analytics.
- Created test suites with **JUnit** and **Mockito**, achieving 70% test coverage and minimized debugging issues.
- Built dynamic **React components**, utilizing state management, props, and event handling to enhance UI reliability, performance, and reduce inconsistencies by 20% for a smoother user experience.
- Collaborated with finance teams to synthesize financial calculations, predictive analytics, and reporting features.

Java Developer   Jul 2021 - Aug 2022
Ugam   *Mumbai, India*

- Achieved **multithreading** in **Java** to optimize server-side performance and resource utilization, reducing response times by 30% during high-traffic periods with over 10,000 concurrent requests.
- Developed scalable **Spring Boot microservices** and four **RESTful APIs** using **MVC architecture**, processing over 1M daily transactions with sub-200ms latency during peak loads through horizontal scaling.
- Streamlined **CI/CD pipelines** by integrating **Docker**, **Kubernetes**, and **Jenkins**, automating deployments to achieve a 40% faster deployment cycle and a 25% decrease in deployment failures.
- Revamped database operations by implementing the **DAO layer** with **Hibernate** and **MySQL**, increasing query performance by 60% through **indexing** and **caching** to optimize data retrieval and response times.
- Created API specifications in **Swagger** using the **OpenAPI 3.1** standard, streamlining integration and testing.

SKILLS

Programming Languages	Java, JavaScript (Node.js, React.js), SQL, Python
Backend Technologies	Spring Boot, Spring MVC, Hibernate, JPA, Servlets, Maven, Gradle
Cloud & DevOps	AWS (EC2, S3, Lambda, ECS, EKS, CloudFormation), Docker, Kubernetes, Git
Databases	MySQL, PostgreSQL, MongoDB, DynamoDB
Testing & Methodologies	JUnit, Mockito, Agile (Scrum)
System Design	RESTful APIs, Microservices Architecture, Scalability, Load Balancing, Caching

EDUCATION

Master of Science in Computer Science, Stevens Institute of Technology, GPA - 3.96/4.0	Dec 2023
Bachelor of Engineering in Information Technology, University of Mumbai, GPA - 8.69/10.0	Jun 2021

CERTIFICATIONS

- AWS Certified Developer Associate (Apr 2024), AWS Certified Solutions Architect Associate (Oct 2023)