Utsav Rawat

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PROFESSIONAL SUMMARY

Software Engineer with 3 years of experience in full-stack development, cloud infrastructure, and data processing. Proficient in building scalable web applications, implementing CI/CD pipelines, and utilizing AWS cloud services. Seeking to leverage technical skills and certifications to contribute to innovative solutions.

EDUCATION

Master of Science, Computer Software Engineering   Aug 2022 - May 2024
San Jose State University, San Jose, California.

Bachelor of Technology, Information Technology   Jul 2015 - May 2019

SKILLS

Programming: Python, Java, JavaScript, SQL, Shell.
Cloud Technologies: AWS (EC2, Lambda, RDS, CloudFormation), Azure.
Big Data: Hadoop, Spark, Kafka, ETL, Kafka.
DevOps: Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions).
Frameworks: Spring Boot, React, Angular, Nodejs.
Databases: MySQL, PostgreSQL, MongoDB, Cassandra, DynamoDB.

PROFESSIONAL EXPERIENCE

Software Engineer, Subex Limited   Nov 2019 - Jul 2022
- Optimized fraud detection: Configured Elasticsearch to improve query performance for fraud detection rules, reducing response time by 30%, enabling faster and more reliable alerts for financial clients.
- Scalable cloud infrastructure: Designed and deployed AWS-based infrastructure (EC2, CloudFormation, Lambda, RDS), automating tasks and reducing operational overhead by 25%.
- Accelerated delivery: Implemented CI/CD pipelines with Jenkins, GitHub Actions, and AWS services, reducing deployment time by 50% and minimizing production downtime.
- Full-stack application development: Developed web dashboards for real-time analytics using React and Spring Boot and Java 8/Java 17, enabling enhanced user experience and seamless CRUD operations.
- Problem solved: Delivered robust pipelines for handling unstructured data ingestion, reducing failure rates by 20% despite variable formats from third-party APIs.
- Team leadership: Mentored five team members, improving onboarding efficiency by 30% through hands-on training and guidance.

Java Developer Intern, Logic Information Systems   Jun 2018 - Jul 2018
- Built REST APIs with Spring Boot, achieving 100% test coverage with JUnit and Mockito, improving code reliability.
- Architected and scaled cloud-ready services using Docker containers, streamlining deployment processes.

PROJECTS

FinFlow, app, github   Feb 2024 - May 2024
- Purpose: Developed an interactive financial dashboard for individuals and businesses to manage income and expenses.
- Impact: Enabled secure bank connections using Plaid, reducing manual reconciliation by 50%.
- Challenge solved: Integrated advanced subscription features with Lemon Squeezy despite API complexity, ensuring a seamless user experience.
- Tech Stack: Next.js, TailwindCSS, PostgreSQL; deployed on Vercel.

Kitee Form Builder Application, github   Sep 2023 - Nov 2023
- Purpose: Built a no-code platform enabling users to create forms and surveys in under 2 minutes.
- Impact: Reduced response collection and analysis time by 50%, improving customer productivity.
- Challenge solved: Designed scalable architecture using AWS Elastic Beanstalk and CloudFront, ensuring high availability and minimal latency.

CERTIFICATIONS
- AWS Certified Solutions Architect - Associate (certification)
- Core Java Developer