

ROILAN ROMAN

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SUMMARY

Senior Full Stack Engineer | 10 years | SaaS | e-commerce | Data pipeline | Microservice | Cloud

EDUCATION

University of Florida

• Bachelor of Science in Computer Science

📍 Gainesville, FL

📅 03/2012 - 12/2016

SKILLS

- Java, Spring Boot, Kotlin, C++, Hibernate, Node.js, Express, J2EE, Servlets, JBoss, Maven, Gradle, Swagger
- React, Vue.js, Svelte, TypeScript, Javascript, HTML5, CSS3, Bootstrap
- AWS, Azure, GCP, REST, GraphQL, GRPC, Microservice
- MySQL, Oracle, PostgreSQL, MongoDB, Elasticsearch, Redis, CouchDB
- IntelliJ IDEA, Kafka, RabbitMQ, Apache Tomcat, Git, Terraform, Docker, Kubernetes, Jenkins, Logstash, Kibana

EXPERIENCE

Senior Full Stack Engineer

📍 New York, NY

Datadog

📅 03/2020 - Now

- Worked on real-time metrics data ingestion and query service built in Java, Microservice and Kafka, used on all recent metrics data, including virtually all alerting/monitoring evaluations.
- Ingests trillions of data points a day and responds to queries for said data points at high scale and availability.
- Used Redis for caching to reduce query latency by 30% and Elasticsearch for indexing, real-time search of time-series data.
- Cross-functionally collaborated with teams across Metrics, Query, and Alerting orgs to design, implement, and deliver improved alerting/monitoring reliability to end-customers during internal incidents.
- Automated CI/CD pipelines with Jenkins, Kubernetes, and Docker, accelerating deployment cycles and improving efficiency.
- Conducted extensive API, unit, and integration testing using JUnit and Mockito to ensure system quality and reliability.
- Mentored junior developers and continuously improved development processes and code reviews.

Software Engineer

📍 Irving, TX

TechNova Global

📅 08/2018 - 02/2020

- Developed an e-commerce analytics dashboard, improving search rankings and integrating 3rd-party shopping services.
- Secured APIs with OAuth 2.0 and integrated RESTful and GraphQL APIs to deliver sales and customer insights.
- Designed database schemas using PostgreSQL, hosted on AWS RDS with automated backups and read replicas for failover.
- Built a React-based user-friendly frontend and automated backend processes with Spring annotations and JBoss scripts.

Junior Software Engineer

📍 Houston, TX

ShopSmart Innovations

📅 12/2016 - 05/2018

- Developed a media streaming service using Java, Spring, React, and WebSockets, supporting thousands of concurrent users.
- Reduced system bottlenecks by 20% through Kafka-based message streaming for real-time data processing.
- Utilized MySQL for storing incident logs and user data, ensuring efficient and reliable data management.
- Build the maintainable scalable UI components using the React, Redux and Ant Design.

CERTIFICATION

HackerRank Certified Software Engineer

📅 2022 - 2026

AWS Certified Developer - Associate

📅 2023 - 2026