Contact

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www.linkedin.com/in/rakesh-reddy-m-51588a202 (LinkedIn)
rakesh-reddy-portfolio-seven.vercel.app/ (Portfolio)

Top Skills

Cloud Platform Expertise
Distributed Systems Architecture
RESTful API Design & Development

Certifications

AWS Academy Graduate - AWS Academy Cloud Foundations

Rakesh Reddy M

Backend Engineer | Java (Spring Boot), Go/Kotlin, Python | Microservices, Distributed Systems, Data Pipelines | AWS, Docker, Kubernetes, Terraform
Los Angeles Metropolitan Area

Summary

Backend & Data Engineer with 3+ years of experience building scalable backend systems, microservices, and data-driven services using Java, Spring Boot, Python, SQL, and cloud-native technologies. Skilled in designing distributed systems, REST APIs, event-driven architectures, and high-performance data workflows.

I work across the full backend lifecycle — API design, database modeling, caching, CI/CD, containerization, cloud deployments, and production support. Experienced with AWS (EC2, RDS, S3, Lambda, API Gateway), Docker, Kubernetes, Terraform, Kafka, Redis, PostgreSQL, MySQL, and MongoDB.

Currently completing my Master's in Computer Science with a focus on backend engineering, distributed systems, and data engineering. I enjoy building reliable systems, optimizing performance, and designing clean abstractions that scale.

Actively seeking Backend Engineer, Cloud Backend Engineer, or Data Engineer roles where I can contribute immediately and grow into large-scale, analytics-driven, and AI-powered systems.

Core Skills:
Java • Spring Boot • Go • Kotlin • Python • Microservices • REST APIs • SQL • NoSQL • Kafka • Redis • AWS • Docker • Kubernetes • Terraform • CI/CD • Distributed Systems • Data Pipelines

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Experience

California State University-Dominguez Hills
Tech Developer
April 2024 - Present (1 year 10 months)
Carson, CA

Developed backend and data-driven applications supporting research and academic platforms.

Built REST APIs, backend modules, and structured data workflows using Java, Spring Boot, and Python.

Designed reproducible data pipelines ensuring accuracy, consistency, and reliability.

Implemented Git-based version control, CI/CD practices, and automated testing.

Performed unit, integration, and UAT testing to validate backend logic and data outputs.

Improved system reliability through monitoring, debugging, and performance tuning.

Tech: Java, Spring Boot, Python, SQL, PostgreSQL, MongoDB, Git, CI/CD, AWS

NearMe
Lead Backend Engineer
June 2025 - Present (8 months)
Los Angeles County, CA

Architected backend foundations for a scalable, cloud-ready platform using Java and Spring Boot.

Designed modular microservices following distributed system principles.

Owned infrastructure provisioning using Terraform (IaC).

Designed PostgreSQL schemas, migrations, and high-volume data access patterns.

Defined strict API contracts and collaborated with frontend teams for seamless integration.

Focused on reliability, validation, observability, and clean backend abstractions.

Tech: Java, Spring Boot, PostgreSQL, Terraform, AWS, Microservices, Distributed Systems

Vanna Information Technologies
Backend & Data Engineer (Microservices)
April 2021 - July 2023 (2 years 4 months)
Hyderabad

Built scalable backend and data services using Java, Spring Boot, and SQL/ NoSQL databases.

Developed REST APIs with strong validation, error handling, and consistent response models.
Implemented event-driven pipelines using Kafka for asynchronous processing.
Optimized database performance through indexing, caching, and query tuning.
Supported CI/CD pipelines, production deployments, and root-cause analysis.

Tech: Java, Spring Boot, Kafka, PostgreSQL, MySQL, MongoDB, Redis, Jenkins, Docker

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Education

California State University-Dominguez Hills
Master's degree, Computer Science · (August 2023 - December 2025)