Eduard Jacobs

Full Stack Engineer

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Summary

Backend Engineer with 5 years of experience in designing scalable and secure systems. Experienced in cloud technologies and distributed systems. Proven success in working with cross-functional teams and continuously improving skills and knowledge.

Employment history

MeetKai Inc | Backend Software Engineer | Los Angeles

Mar 2022 - Present

- Architected, developed, and maintained APIs, services, and essential systems, including GraphQL endpoints, for the core application, guaranteeing exceptional performance, scalability, and maintaining 99% uptime
- Deployed and maintained over 5 micro services on AWS EKS and ECS, utilizing Terraform for infrastructure provisioning, ensuring seamless scalability and efficient resource management in a cloud-native environment.
- Introduced a metrics monitoring system using Datadog, providing real-time visibility into application performance and operational metrics
- Automated database backup processes, decreasing manual intervention by 70% and ensuring data integrity
- Incorporated a caching mechanism that decreased data retrieval times by 20%, boosting application performance
- Designed Docker containerization to streamline deployment processes, leveraging Kubernetes for orchestration and management
- Collaborated on backend solutions using Python and FastAPI for APIs handling thousands of requests daily, optimizing for high throughput and reliability
- Developed and implemented PostgreSQL schemas and tables to support application requirements and business logic

Upwork | Full Stack Engineer | Los Angeles

Jul 2020 - Mar 2022

- Engineered CI/CD pipelines decreasing deployment time by 40% and ensuring consistent application updates
- Collaborated with cross-functional teams to deliver a responsive web application, improving customer engagement by 20%
- Launched and maintained full-stack web applications utilizing TypeScript, Node.js, and React
- Developed user-facing UI with Next.js, ensuring a seamless and responsive user experience
- Managed and optimized backend servers with Node.js to handle real-time streaming data, ensuring high performance and scalability
- Designed and implemented RESTful APIs to facilitate seamless communication between client applications and backend servers

InHouse Produce | Full Stack Engineer | Los Angeles

Apr 2019 - Jul 2020

- Introduced IoT platforms with cloud services, enhancing remote monitoring and management capabilities
- Started Implementation of Docker containerization, streamlining deployment and resource utilization
- Developed and implemented data processing pipelines to handle sensor data from vertical farming locations, ensuring efficient data aggregation and storage
- Engineered APIs for seamless data exchange, boosting real-time system responsiveness and operational efficiency
- Incorporated a diverse array of third-party services and components, including payment gateways and geolocation services
- Automated deployment pipelines, reducing release times by 20% and improving overall development efficiency

Education

Certification | University of California Los Angeles | Los Angeles

Sep 2018 - Dec 2018

Associate | Los Angeles Valley Collage | Los Angeles

Sep 2014 - Aug 2017

Skills

Python

Go

CI/CD

AWS

PostgreSQL

GraphQL

TypeScript

Terraform

TDD

GCP

Redis

Links

Website

medium

Github

Linkedin

Languages

Engilsh *(Experienced)*

Armenian *(Expert)*

Russian *(Experienced)*