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Top Skills

Back-End Web Development

System Architecture

Cloud Computing

Sadra Samadi

Senior Software Engineer | Cloud & Full-Stack Architecture

Hungary

Summary

Senior Software Engineer with experience building full-stack, cloud-based, and backend systems across different industries. I work mainly with backend architecture, APIs, cloud infrastructure, and scalable applications using technologies such as Kotlin, Java, Go, TypeScript, Python, Kubernetes, and Google Cloud. I enjoy designing clean and maintainable systems, improving existing platforms, and solving practical engineering problems.

Experience

JobelHome Platform

Backend Engineer

March 2026 - Present (5 months)

- Continuing development of the JobelHome booking platform with a focus on backend features and system improvements.
- Developing new customer portal modules for property and accommodation management.
- Implementing subscription and payment features using Stripe services.
- Working with Beds24 APIs for booking and channel management integrations.
- Improving and restructuring accommodation data models to support cleaner architecture and future scalability.
- Building and maintaining backend services using NestJS, Firebase, Google Cloud services, and Pub/Sub workflows.
- Contributing to API improvements, backend refactoring, and overall platform maintainability.
- Working in an event-driven cloud environment with a focus on clean and scalable backend design.

MediaMarktSaturn

Backend Engineer

December 2025 - January 2026 (2 months)

- Worked in the Marketing Data Foundation team on migrating customer survey services from InMoment to Forsta APIs.
- Helped build a new Google Cloud project for the new survey integration platform.
- Developed and improved Python services for uploading, transforming, and processing customer survey data.
- Created and managed BigQuery datasets, tables, views, and ETL-related structures for reporting and analytics.
- Used Terraform to provision and manage cloud infrastructure including IAM roles, service accounts, workflows, storage, and BigQuery resources.
- Worked with Google Cloud services such as Cloud Run, Cloud Functions, Workflows, Scheduler, Secret Manager, and Cloud Storage.
- Contributed to replacing legacy workflows and improving cloud resource management and deployment processes.
- Collaborated in a small engineering team within a large enterprise environment.

Bogzin

Lead Backend Engineer

March 2025 - November 2025 (9 months)

- Continued development of an ERP platform and helped transform it from a B2B system into a B2B2C platform with customer-facing APIs and user accounts.
- Designed and implemented a microservice architecture using Kotlin, Golang, Spring, Kafka, Redis, and PostgreSQL.
- Built event-driven communication between services using Kafka for data synchronization.
- Developed high-performance Go services for file serving and backend processing.
- Designed and built a custom Go backend framework with authentication, caching, configuration management, monitoring, and structured application layers.
- Led backend architecture decisions and guided backend developers through mentoring, code reviews, and technical direction.
- Contributed heavily to CI/CD pipelines, deployment automation, and infrastructure management.
- Worked with Docker, Kubernetes, Helm, FluxCD, Nginx, and Linux to deploy and manage cloud-based services.
- Managed Kubernetes deployments, scaling, networking, and cluster setup for backend services.

- Improved backend scalability, maintainability, and deployment workflows across the platform.

MediaMarktSaturn

Backend Developer

June 2024 - February 2025 (9 months)

- Worked in an AdTech team focused on first-party data activation for Google Ads campaigns in a large enterprise environment.
- Built and maintained Python-based microservices for data processing, batch jobs, and Google Ads API integrations.
- Developed ETL pipelines in BigQuery for customer segmentation, reporting, and marketing data transformation.
- Implemented features for conversion tracking, customer matching, audience sync, and campaign optimization data flows.
- Managed and deployed services on Google Kubernetes Engine (GKE) with CI/CD pipelines, monitoring, and logging.
- Used Terraform to provision and manage GCP infrastructure including BigQuery, GKE, and IAM resources.
- Worked in a cross-functional team, collaborating in an enterprise-scale engineering setup.
- Contributed to improving data pipelines and automation for Google Ads data activation workflows.

JobelHome Platform

Backend Developer

February 2023 - May 2024 (1 year 4 months)

- Worked on a booking platform similar to Booking.com with smart lock integration for property access control.
- Built and maintained backend services using NestJS and Google Cloud Functions.
- Designed and implemented event-driven workflows using Google Pub/Sub for booking and access events.
- Developed core features for property listings, booking management, channel synchronization, and access logs.
- Integrated external systems such as Beds24 for booking channels and Loxone for smart lock control.
- Implemented secure API-based access control to unlock/lock rooms based on booking events and rules.
- Refactored and redesigned the backend structure to improve modularity, readability, and maintainability.

- Improved system reliability by adding unit tests and improving code testability.
- Led backend developers, providing technical direction, code reviews, and architecture decisions.

Bogzin

Backend Developer

March 2022 - January 2023 (11 months)

- Worked on an ERP platform for business operations including inventory, sales, invoicing, accounting, and employee management.
- Designed and developed backend APIs using Kotlin and Spring Boot with a focus on clean architecture and scalability.
- Built and optimized database models and queries using PostgreSQL and ORM tools.
- Implemented authentication and authorization systems with JWT and role-based access control.
- Improved system performance through caching with Redis and database query optimization.
- Developed scheduled jobs for data syncing, cleanup tasks, and background processing.
- Worked on system integrations and helped redesign APIs to improve structure and usability.
- Added unit and integration tests to improve code reliability and system stability.
- Used Docker for containerized development and easier local setup.
- Contributed to architectural improvements in a partially service-based system.

3D Continuum

Full-Stack Developer

July 2021 - February 2022 (8 months)

- Worked in a startup team to build a platform for processing and analyzing dredging industry data in near real time.
- Developed backend services using Java and Spring Boot for data ingestion, ETL processes, and business logic.
- Built REST APIs to support data flow between services and the frontend dashboard.
- Designed and maintained AWS-based architecture using S3, EC2, Lambda, and DynamoDB for scalable data processing.

- Built an Angular dashboard with charts, reports, maps, and GPS visualization for data analysis and monitoring.
- Processed sensor data, location data, time-series data, and machine data from different sources.
- Used Google Document AI to convert scanned documents into structured data and integrate them into processing pipelines.
- Created data pipelines and automation tools that reduced manual work and improved data processing efficiency.

DecentraBnB

Full-Stack Developer & Project Manager

September 2020 - June 2021 (10 months)

- Worked on a crypto-based house renting platform similar to Airbnb, allowing users to list and rent properties with crypto features.
- Developed the web application using Angular and contributed to a responsive user interface.
- Built mobile applications using React Native for cross-platform Android and iOS support.
- Developed backend services using Spring Boot and PHP (Laravel) for different platform features, including crypto-related functionality.
- Worked on system design and backend architecture for a monolithic application.
- Started as a developer and later took responsibility as a project manager, leading a small team of frontend and backend developers.
- Mentored developers and helped coordinate feature delivery and project planning.
- Gained experience in full-stack development, mobile apps, and basic project leadership in a startup environment.

Hamisheh Application

Front-End Developer

May 2019 - September 2019 (5 months)

- Developed a fitness application as part of a product-focused development team.
- Built an Angular-based admin dashboard used to manage users, data, and system activities.
- Developed a mobile application using Ionic for iOS and Android platforms.
- Worked on UI components, layout design, and improving user experience across web and mobile.

- Integrated frontend applications with backend APIs for data handling and real-time updates.
- Followed a modular architecture to keep the code clean and maintainable.
- Contributed to UI state management and improved overall application structure and usability.
- Worked closely with backend developers to ensure smooth API integration and feature delivery.

Nilasoft

Desktop Application Developer

November 2018 - April 2019 (6 months)

- Developed an offline desktop application for karting ticket and session management.
- Built dashboards, forms, tables, and reporting features using Angular and Material Design.
- Developed the desktop application with Electron.js and Node.js.
- Worked with local database storage and supported system installation and setup at the customer location.
- Collaborated with a small development team to improve usability and daily operations for the business.
- Built a separate Arduino-based remote control device for turning karts on and off using wireless communication and RF modules.
- Expanded experience in desktop application development, UI design, and hardware-related projects.

yomoBit

Full-Stack Developer

October 2016 - October 2018 (2 years 1 month)

- Worked in a startup environment to develop a no-code platform for generating mobile applications through drag-and-drop workflows.
- Built backend services and application generation modules using Java and Spring technologies.
- Developed hybrid mobile application components with the Ionic framework and integrated them with backend APIs.
- Worked with microservice architecture, REST APIs, asynchronous communication, and API gateway solutions.
- Designed and maintained relational and dynamic data models using PostgreSQL and MongoDB.
- Contributed to code generation systems, application workflows, and platform architecture improvements.

- Used Docker for containerized development and collaborated with the team using Git, Scrum, and Asana.
- Expanded technical expertise in modern backend development, mobile application development, API design, and scalable system architecture.

Nilasoft

Java Software Developer

January 2016 - September 2016 (9 months)

- Worked in a team environment to develop a desktop application for medical clinic management.
- Built and maintained modules for patient management, reporting, and inventory tracking.
- Developed backend logic, desktop UI components, and database queries using Java, Swing, Spring, and MySQL.
- Followed MVC architecture and contributed to application design and system improvements.
- Participated in Agile/Scrum meetings and used Git for team collaboration and version control.
- Worked on bug fixing, code reviews, releases, and deployment activities.
- Collaborated directly with clinic stakeholders to understand business requirements and improve workflows.
- Mentored junior developers and later helped lead the development team during the final stage of the project.

Self-employed

Junior Software Developer

July 2014 - December 2015 (1 year 6 months)

- Built small desktop, mobile, and educational applications as personal projects.
- Developed simple 2D games, chat applications, and utility tools.
- Learned software engineering basics including OOP, data structures, algorithms, debugging, and software design.
- Worked with Java Swing to build desktop UI applications with tables, file handling, and multithreading.
- Created small embedded and electronics projects using Arduino and AVR components.
- Practiced Linux command-line tools and shell usage during development work.
- Improved problem-solving skills through documentation, open-source projects, and hands-on learning.

Education

Payame Noor University

Master's degree, Artificial Intelligence · (2021 - 2024)

Guilan University

Bachelor's degree, Computer Software Engineering · (2014 - 2019)