

Saulius Ugintas

Senior Software Engineer

Kaunas, Lithuania • idea.coming00@outlook.com • [LinkedIn](#)

PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience building scalable backend services for SaaS and data-heavy platforms, with 70-80% of work focused on Python, AWS, ETL workflows, and microservices and the remainder on React and JavaScript. Hands-on expertise across AWS Serverless, including Lambda, API Gateway, RDS, S3, Glue, and CloudWatch, delivering real-time analytics, automation, and AI-driven decision-making support that reduced API latency by 38% and pipeline runtime by 52%. Strong background in SQL, SQLAlchemy, Pandas, data models, system design, refactoring, and modernizing legacy components into reliable production systems. Effective collaborator in distributed engineering environments, using Git, Jira, Slack, Cursor, and GPT to improve code quality, observability, and end-to-end delivery.

WORK EXPERIENCE

HomeToGo, Kaunas, LT

Senior Software Engineer

Jul 2021 – Present

- Architected Python microservices and AWS Serverless workloads using Lambda, API Gateway, RDS, and S3 to power pricing and availability workflows for a data-heavy SaaS platform, reducing API latency 38% and supporting 3x traffic growth.
- Built ETL workflows with Pandas, SQLAlchemy, AWS Glue, and PostgreSQL to normalize high-volume partner and behavioral data for real-time analytics, automation, and AI-driven decision-making, cutting pipeline runtime 52% and improving data freshness from hourly to near real time.
- Modernized legacy backend components into event-driven services deployed with Chalice and Serverless Framework, raising release frequency 40% and lowering production incidents 27%.
- Led React and JavaScript enhancements for internal operations dashboards while coordinating delivery through Git, Jira, and Slack with distributed teams, reducing task completion time 30% and improving sprint predictability.
- Strengthened backend performance, reliability, and observability through CloudWatch dashboards, structured logging, Pytest suites, code reviews, and AI-assisted workflows with Cursor and GPT, increasing test coverage to 84% and reducing mean time to detect issues 45%.

Software Engineer

Mar 2018 – Jun 2021

- Delivered Python backend services and SQL data models for marketplace search and booking systems, improving PostgreSQL query performance 33% and increasing platform throughput during peak demand.
- Integrated partner feeds, REST APIs, and Python scraping tools with S3 and RDS to automate listing, rate, and availability ingestion, reducing manual reconciliation 60%.
- Optimized ETL pipelines with Pandas and SQLAlchemy for analytics and forecasting use cases, shrinking daily batch windows 48% and improving report accuracy for commercial teams.
- Introduced React and JavaScript components for internal content and supply tooling, shortening release cycles 25% and improving usability for non-technical stakeholders.
- Refactored monolithic modules into microservices with stronger data structures, CI/CD standards, and monitoring, reducing change failure rate 22% and accelerating onboarding for new engineers.

NFQ, Lithuania

Mar 2017 – Feb 2018

Software Engineer | Part-time

- Engineered backend APIs in Python for SaaS commerce clients, improving order and catalog processing throughput 28% and strengthening production reliability.
- Modeled relational schemas and wrote complex SQL for transactional and reporting workloads, cutting report execution times 40% and improving data quality controls.

- Automated third-party integrations and serverless jobs with AWS Lambda, S3, and webhook-based workflows, reducing manual operational effort 35%.
- Collaborated in Agile delivery using Git, Jira, and Slack with cross-functional teams in multiple countries, consistently shipping sprint commitments and improving review turnaround 20%.
- Expanded frontend capability with JavaScript-based admin features and reusable UI components, giving the team a stronger full-stack foundation for later React adoption.

ES4B, Lithuania
Full Stack Developer

Jan 2013 – Feb 2017

- Created full-stack web applications with Python, JavaScript, SQL, and REST APIs for business process automation, cutting manual processing 45% across customer workflows.
- Designed backend modules and data structures for reporting and transaction-heavy systems, improving maintainability and reducing defect escape rate 23%.
- Tuned MySQL queries, indexing strategies, and ETL-style data imports for large datasets, decreasing dashboard load times 37% and improving reporting accuracy.
- Implemented responsive internal interfaces and reusable frontend components that increased user adoption 25% and reduced support tickets from business teams.
- Supported refactoring, code migrations, and release management across legacy applications, shortening deployment effort 30% and building the architectural foundation for later microservices work.

EDUCATION

Bachelor's Degree, Computer Network Engineer
Kaunas College, Kaunas, Lithuania

Jun 2013

SKILLS

Languages: Python, JavaScript, SQL

Frontend: React

Cloud and Serverless: AWS Lambda, API Gateway, RDS, S3, Glue, CloudWatch, Chalice, Serverless Framework

Backend and Data: SQLAlchemy, Pandas, REST APIs, ETL workflows, data models, microservices architecture, event-driven architecture, automation, data structure design

Databases: PostgreSQL, MySQL

Quality and Delivery: Pytest, CI/CD, code reviews, observability, refactoring, code migrations

Collaboration and AI Tools: Git, Jira, Slack, Cursor, GPT, scraping tools

LANGUAGES

Russian: Bilingual, English: Professional