Artem Roma

Software Engineer

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Profile

I am a skilled software engineer with 10 years of experience in building product platforms and web applications. Throughout my career, I have successfully delivered products in diverse and multicultural teams.

I have a goal-oriented mindset and value the same in my colleagues. I enjoy deeply engaging with the product, understanding customer needs, and ensuring high-quality support after release.

I am drawn to organizations that prioritize trust and transparency, as I believe they create a positive and collaborative work environment.

Technical Skills

- Python (Proficient), Go (Previous experience)
- FastAPI, Flask, SQLAlchemy, AsyncIO
- REST, GraphQL
- Docker, Kubernetes, Flux CD
- CircleCI, Jenkins
- PostgreSQL, Redis
- AWS - Lambda, Athena, S3, Glue, Redshift, Aurora, Kinesis, CloudWatch, Route53 etc.
- Terraform
- Graphana

Experience

2020–2023 **Very Good Security**, *Platform/Services team*, Sr. Software Engineer
- ○ Achievements
  - – Built the billing system for the core product
    - · designed the architecture for the data platform
    - · developed multiple billing models
    - · implemented multiple integrations with third party PSPs and RevOps systmes
    - · implemented variety of back-end services for customer billing reporting and control
  - – Supported and extended the unified platform for the core product, e.g. implementation of the customer notification service, a compliance checker service.
  - – Participated in the design, implementation, support and extension of a cloud based data warehouse solution.
- ○ Responsibilities
  - – Processes
    - · Participation in the quarterly and sprint planning and retrospectives
    - · Conducting company wide technical and product demos on the weekly basis
    - · Organizing communication with the stakeholders
    - · Organizing cross-team activities for the technical delivery
  - – Delivery
    - · Product finalization activites with the team product owner or external stakeholders (quarterly/sprint)
    - · Creating (documented) architecture design proposals - system/API/data schema design; SLA/SLO outline
    - · Technical implementation
      - · set up the source projects
      - · implement the functionality
      - · add test coverage - functional/integration
      - · set CI/CD pipelines
      - · add technical documentation
    - · Release
      - · detailed SLA/SLO definition - setting resources and quotas
      - · the roll-out strategy definition - add GitOps automation
      - · deployment to the environment (dev, prod)
      - · add the monitoring and alerting
      - · set the smoke tests
      - · verification with and feedback collection from the product stakeholders
      - · creating the customer facing documentation
    - · Post release support ensuring the defined SLA/SLO
      - · create and participate in on-call schedules
      - · participate in the CS L2/L3 escalation rotations
- ○ Technology stack and 3rd party
  - – AWS - S3, Athena, Glue, RDS, Aurora, Redshift, Kinesis (limited), EKS, Athena
  - – Python - Flask, FastAPI, Boto3, HTTPX, Ariadne
  - – Docker, docker-compose, Kubernetes, Helm, FluxCD
  - – PostgreSQL, Redis, Presto, Kafka (limited)
  - – Shell
  - – Stripe, RevOps, HealthCheck, PagerDuty, Rollbar, etc.

2017–2019 **Software Engineer**, *DataRobot*
Build a platform for the prediction model automation product

2013–2017 **Software Engineer**, *Mirantis*
Build a platfrom for OpenStack cluster management on customer infrastructure

2013 **Software Engineer**, *Speedflow*
Build platform for VoIP class 4 softswitch product

Education

2012–2013 **Specialist degree in Computer Engineering**, *Kharkiv National University of Radio and Electronics*

2008–2012 **BSc in Computer Engineering**, *Kharkiv National University of Radio and Electronics*

Languages

English Upper-intermediate

Ukrainian Native

Interests

○ Product delivery
○ Distributed systems
○ Data intensive systems and data platforms
○ Observability
○ Developer tooling
○ Product management