Dow Jones

Senior Software Engineer

Seattle, WA | google-email@gmail.com | LinkedIn

Work Experience

Senior Software Engineer, Wix.com   Poland, September 2021 - May 2024

Launched a platform for integration with partners - payment providers from 160+ countries, organized the processing of transactions for the biggest world site builder, with payments, available to operate in 160+ countries

- Led an integration of Google Pay, opened this payment method to 2.5% of all websites worldwide, built on Wix
- Overhauled monitoring for the stability of a high-transaction platform, which brought the team to reduce the number of incidents by 20%+ each year
- Introduced the first Buy Now, Pay Later (BNPL) payment methods under Wix Payments (Wix payment provider)
- Implemented the SPI platform for 3rd-party partners which allows the creation of custom payment providers and integration with Wix

Senior Software Engineer, Intapp   USA, April 2020 - September 2021

Led the migration of Intapp's flagship project, Integration Builder, from a desktop environment to a web application, in tight cooperation with the partner company, Dell

- Development of a microservice architecture (10+ services) for a new design
- Designed the authentication layer with other protective measures such as rate limiting, anomaly detection, load shredding

Full Stack Software Engineer, Capveriant   Germany, April 2019 - April 2020

Built a backend & frontend for the fintech B2B product for the German & French market

- Introduced the Event Sourcing design (CQRS) to the architecture, simplifying maintenance of the state with more than 20 possible statuses
- Integrated BI events, metrics & alerts to the system (~1k events/day)

Backend Software Engineer, PST.AG   Germany, November 2017 - April 2019

Development of web crawlers and search bot solutions tailored to the requirements of prominent companies, including those ranking among the top 20 companies in Germany

- Led the dockerization of the platform for data gathering (drastically increased the speed of deploying & running crawlers: 30-50%)
- Integration of the Apache NiFi into the platform, improving the simplicity and clearness of the data flows

Skills

Languages: Java, Scala, JS, TS, SQL, Rust

Technologies & Frameworks: Protocol Buffers, gRPC, Bazel, Angular, Spring, ReactJS, Blockchain, Kafka, Selenium, HTML & CSS, REST API, Microservices, CI/CD, NoSQL, Docker, Kubernetes

Databases: MySQL, PostgreSQL, Redis, MongoDB

Cloud services: Amazon Web Services (AWS), Microsoft Azure, Vultr

Others: Grafana, Metrics, Alerting, New Relic, Git, Github Actions

Education

- **Master's degree** in Computer Science   **September 2017 - June 2019**
  Donetsk National University
- **Master's degree** in Mathematical Statistics   **September 2015 - June 2017**
  Donetsk National University
- **Bachelor's degree** in Mathematical Statistics   **September 2011 - June 2015**
  Donetsk National University

Summary

A software engineer with a commitment to solving complex problems, Dow Jones possesses over 7 years of experience in backend development, architecture design, payments domain (platform with 10 million txs/month) and delivering software solutions for any business requirements to any domain.