

Egor Gripasov

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SKILLS AND TECHNOLOGIES

Node.js, React.js, JavaScript, TypeScript, Golang, Systems Design, DevOps, Full Stack Front & Back End, React Native, Microservices, Cloud, AWS, Google Cloud, DigitalOcean, Cloudflare, SQL, NoSQL, Messaging, Pub/Sub, Monitoring, GraphQL, gRPC, REST, Protobuf | Team Leadership, Ownership, Mentoring

EXPERIENCE

DXOS, Remote — *Staff Software Engineer / Tech Lead*

FEBRUARY 2018 - OCTOBER 2023

- Led the design, implementation and maintenance of the company's backend services, leveraging Golang, Node.js, TypeScript, gRPC, GraphQL as the top 5 main technologies.
- Played a key role in architecting and developing networking components for our TypeScript SDK, focusing on streaming, load balancing, and framing for data transfer over WebRTC, using TypeScript, WebRTC, and gRPC, which led to a 40% improvement of package delivery throughout the network.
- Streamlined release and deployment process using Github Actions, Docker, Packer, Terraform, and Ansible resulting in 60% speedup.
- Ensured reliable monitoring, telemetry, tracing and profiling with tools like OpenTelemetry, Datadog, Sentry, and Segment. Identified and resolved performance bottlenecks, improving overall system efficiency by 30%.
- Managed on-call shifts using PagerDuty. Maintained system uptime of 99.99% over a 12-month period for critical production environments. Reduced average incident resolution time to 30 minutes.
- Consistently tackled troubleshooting in complex systems, blending SDK and infrastructure components, and crafted technical solutions to enhance P2P communication for users, achieving a 40% improvement in data transfer speed
- Mentored junior developers, fostering professional growth within the team and enabling contribution to key projects within 3 months.

Lumilab, LLC, Remote — *Senior Software Engineer*

NOVEMBER 2017 - FEBRUARY 2018

- Developed and deployed internet-scale, distributed systems for various clients, using Cloud, Monolithic/Microservices, GraphQL, REST, gRPC.
- Boosted a key client system capacity to handle a 300% increase in user load without performance degradation.
- Directed the delivery of a web system for a major healthcare provider, ensuring robust data security and 100% compliance with HIPAA regulations.

Sencha Inc, San Francisco — *Senior Software Engineer*

MARCH 2013 - NOVEMBER 2017

- Created Solr-based search server over learning materials, support tickets, over 1,000,000 forum posts, JIRA issues and main site content.
- Built Node.js backend of Sencha Training Portal (training.sencha.com), ensured secured and authorized way of streaming of educational materials to students from Amazon S3 bucket.
- Set up a user billing process (with 3 different billing tiers) based on Stripe subscriptions.
- Engineered on-premise version of cloud based product installable via WiX-based on-premise installers.
- Drove the delivery of a Node.js & Ext JS based Operations portal for managing products of 10,000 customers and their entities (subscription, users, devices, applications, etc).

ACHIEVEMENTS

GDAX client — *Cross-platform mobile App* - <https://bit.ly/3SBOogr>

Unofficial Coinbase mobile client. 10,000+ Downloads; \$2,000,000+ in client assets.

Monolithic | Server: Express.js, MySQL. | UI: Ionic | Coinbase API, SendGrid API, Google Maps API, APNS, Firebase.

EDUCATION

Southern Federal University — *MS in Computer Science*