

# Dmitry Cheryasov

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## What I know

- "Make it as simple as possible, but not simpler".
- "Right tool for the job".
- "Do one thing but do it well".
- "Ask *why* five times".
- The Pareto principle.
- The Hofstadter's law.

## Key skills

- Translating between business and engineering languages.
- Sharing knowledge and helping other developers.
- Seeing problems early on.
- Generalizing and simplifying.

## Technologies

### Most experience

- Java: since 1990s, staying current.
- SQL and relational databases: since 1990s, staying current.
- Javascript: since 2003, staying current.
- Python: since 1990s.
- Microservices, SOA, parallel, distributed.
- Testing: unit, functional, integration.
- Linux.

### Less experience

- Scala, Spark; EC2, S3, EMR; Typescript, React.

### What I'd also enjoy using at work

- Functional, reactive, actor models.
- Machine learning.
- Kotlin, Typescript, Rust, Haskell, Elixir.

## What I try to avoid

- No-coding management work.
- Heavy multitasking.
- Releasing on a Friday night, unless many releases a day are routine.
- C++, Go, PHP, MongoDB as centerpieces of my work.

## Where I worked

### Facebook: 2020-2021

- Engineering work on FB Messenger's data API layer.
- Hack (the language), non-public tools and frameworks.

### Click Therapeutics, Inc: 2019-2020

- Architecture work on authentication and authorization.
- Architecture work on a local development environment.
- Implementing and maintaining backend services.
- Designing and implementing pieces of Web frontend.
- Improving engineering processes.
- Conducting and actively improving hiring interviews.
- ES6, React, Node.js, Python, Postgres, Docker. AWS (EC2, Lambda, CloudFormation, etc).

### GrubHub, Inc: 2016-2018

- Mostly data integration with third parties.
- Python, Java, SQL, Cassandra, Spark, queues. AWS, SOA.

### Handshake Corp: 2015

- Work on the backend of a sales support product.
- Python, SQL, Javascript (server-side and client-side).

### EPAM Systems: 2011-2015

- Contractor for Google NYC. Various internal tools.
- Python, Java, various forms of RPC, Javascript (server-side and client-side). SQL and NoSQL databases.

### JetBrains: 2008-2011

- Worked on PyCharm since inception until release 1.2.
- Java, Python (great many variants). A fully remote team.

### Other

- MD in Computer Engineering from Samara State Aerospace University, 1995.
- Various jobs and gigs involving programming all the way back to 1992.

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