

# Maxim Penzin

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## Contacts

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- Homepage: <https://maxp.dev>
- GitHub: <https://github.com/maxp>

## Desired position

- software developer

## Skills

- Clojure / ClojureScript (async, ring, spec, reitit, malli, reagent, re-frame)
- Python (Django, Flask, SQLAlchemy, Jijna, Werkzeug)
- NodeJS (TypeScript, Express, pug, kue)
- PostgreSQL, MongoDB
- Linux (including embedded systems)

More than 10 years experiance on each position.

## Other experience

- PostGIS, Redis, RabbitMQ, Docker
- Git, Mercurial (and also CVS/SVN)
- Jira, Trello, Redmine
- GitHub/GitLab CI/CD, github flow

## Projects in production

- **Meteo38** - (Clojure, MongoDB)  
Telegram bot as interface to real time weather data network
  - Scheduled notifications
  - Geolocation search
- **mgate** - (Clojure, MongoDB, RabbitMQ)  
Multi messagner api gateway to Telegram/Viber/Vkontakte for student notification system
- **Student Notification dispatcher** - (Clojure, MongoDB, RabbitMQ, PostgreSQL)  
Set of microservices for student notification system
  - mgate rmq api
  - Admin interface
  - Third party services integration (xml/json/rest)
  - RSS feed module integration

- Student data import api
- Scheduled task runners
- Newsfeed interface
- **CoinCheckHack monitor** - (Clojure, MongoDB, NEM api)  
Transaction tracking system on NEM blockchain to warn about stolen coins
- **Angara.Net/bb** - (Clojure, MongoDB)  
Bulletin board system for community website
- **rss2tlg** - (ClojureScript, NodeJS)  
Standalone single file utility to send RSS feeds into Telegram channel

## Education

- Irkutsk State University, 1993