

Senior Node.js/Angular Full stack Developer

with at least **3 years of experience** in developing **high-load applications** is required to join a team of experienced engineers.

No Junior Developers 🚫

Our team consists of highly experienced Senior developers with over 10 years in the field. Your skills will be thoroughly evaluated.

We at ArtWorks AI develop unique services for generating NSFW images/videos with AI:

- 2 million unique visitors per month
- **500k generated** images per day!

We need

- Refinement of the current Backend & Frontend and adaptation to growing loads
- Search and optimization of bottlenecks in architecture
- Error monitoring and hotfix delivery
- Refactoring of outdated code

From you

- Clean code and architecture
- Implementation of best practices and solutions
- Involvement and interest

From us

- interesting and challenging tasks
- immediate effect of implementation
- professional approach

- Freelance position
- Fully remote with option to relocate to Berlin after 6 months (if needed we can support the Visa EU Bluecard process)
- Stable salary in Euro, US-Dollars or Crypto

Our stack: Node.js, Angular, TypeScript, Bull, MySQL, Redis, Mongo, ClickHouse, Sentry, Kafka, Docker.

How to respond

As a senior developer:

- Think about what sets you apart. You've applied for a senior role, so complete this task with the level of expertise and creative problem-solving that only a seasoned professional can bring.
- Make sure the solution is rock-solid. Stability is key, so ensure everything is resilient, and reliable.

Coding Challenge

Using Angular and Express:

1. Develop a multi-user, high load, self-recovered web service to convert MP4 to GIF
2. Input MP4: maximum size 1024:768 length 10 seconds
3. Output GIF: size -1:400, FPS = 5
4. Package a service for Docker Swarm
5. API should be able to accept up to 1000 convert requests per minute
6. Time for waiting GIF for user could be from 5 seconds to 5 mins
7. Write a simple load test via CURL
8. The number of web server replicas is 1
9. The number of worker replicas is up to 5
10. Send a GitHub link to breslavsky.anton@gmail.com
11. Attach USDT TRC20 address where after successful review we will transfer 300 USDT
12. [Book a time slot](#) for technical interview

Deadline: 2 days.

Code should:

1. Reliable and scalable solution
2. Allow multi-user access
3. Has clean architecture with best practices
4. README how to start develop and deploy on production
5. Has no useless parts or abandoned parts