

Ilya Pichugin

Python/Golang Senior Software Engineer

Remote

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As a highly skilled Python and Go developer with 10 years of commercial experience, I bring expertise in API development for both web and mobile applications. With a strong proficiency in troubleshooting websites, I am well-equipped to handle any challenges that may arise. Additionally, I have valuable experience in team leadership and mentoring others in web application development. My extensive background in these areas makes me a valuable asset to any team.

I possess the necessary technical skills that can greatly contribute to your team. If you are in need of a member proficient in the following technologies, I can be a valuable asset:

- **Kubernetes:** Proficient in deploying and managing containerized applications using Kubernetes, including cluster setup, pod management, and scaling. Skilled in utilizing Kubernetes features for load balancing, service discovery, and auto-scaling to ensure high availability and reliability.
- **Python:** Extensive experience in Python programming, leveraging its versatility and rich ecosystem for API development. Proficient in frameworks such as FastAPI and Flask, with expertise in writing clean, efficient, and maintainable code.
- **Golang:** Strong command over Golang and its concurrency model, allowing for efficient and scalable API development. Familiarity with popular Golang frameworks like Gin and Echo, enabling the creation of high-performance APIs.
- **PostgreSQL:** In-depth knowledge of PostgreSQL database management system, including data modeling, query optimization, and administration. Skilled in designing robust database schemas for efficient data storage and retrieval in API development.
- **Redis:** Proficient in utilizing Redis, an in-memory data structure store, for caching and improving API performance. Experienced in integrating Redis with APIs for session management, real-time data processing, and pub/sub messaging.
- **RabbitMQ:** Skilled in utilizing RabbitMQ, a message broker, to implement reliable and scalable messaging patterns in API architectures. Proficient in setting up message queues, handling message routing, and ensuring message reliability and fault tolerance.

Authorized to work in the US for any employer

Work Experience

Software Engineer

Secure-t - Podgorica

May 2022 to Present

Developer at Secure-T: Responsible for developing and maintaining a security training application for employees. I orchestrated phishing campaigns, and when users fell victim to them, security specialists were alerted and assigned the users to a phishing protection training course. Successfully completed a complex integration with a European bank, which led to increased profits for the company.

Software Engineer

Tochka bank - Yekaterinburg

April 2020 to January 2022

Developed APIs for the bank's mobile application, creating microservices that implemented various functionalities such as automatic card withdrawals, mass payments for self-employed individuals, Tochka XS payment feeds, a legal dossier document section, counterparty lists, and bank card number validation. My work contributed to improving the stability of the application and enabled the company to launch the product on time.

Software Engineer

OOO "Mons" - Yekaterinburg

June 2019 to March 2020

Backend Developer at Doc help: Developed backend solutions for both mobile and web applications for the medical services aggregator, Doc.help, which included doctors and clinics. Implemented various search options, such as Full-Text Search (FTS), regex, and geo_distance. My work enabled users to schedule doctor appointments, accumulate points, and access necessary medical services.

Software Engineer

Arumcapital - Limassol

October 2017 to March 2019

Maintained the broker's website, integrated payment systems, managed the content management system, and integrated with trading client software. Occasionally worked on JavaScript and frontend development tasks. My contributions helped the company meet regulatory requirements, reduced the time needed for client onboarding and verification, and made the website more appealing, attracting new clients.

Software Engineer

Face Digital Agency - Moscow

March 2017 to September 2017

Developed websites using Django, with some experience in frontend development and JavaScript. Completed projects sourced from freelance marketplaces for the agency. My work contributed to clients successfully selling kitchen appliances online, organizing a marathon event, and creating an attractive website with a menu for a restaurant in central Moscow.

Python Developer/Software Engineer

SmartTeleMax - Moscow

February 2015 to January 2017

Responsible for developing news websites, including a complete rewrite of the Municipality website with local news, with a focus on creating a more complex and advanced content management system (CMS).

Python Developer/Software Engineer

DM project - Moscow

July 2015 to December 2015

Developed a CRM system for the courier company, which included the integration of delivery points on Yandex Maps for courier tracking. Implemented an automatic photo upload feature for delivery confirmation of newspapers on Yandex Maps. As a result of this module's development, the company secured a significant order from a local newspaper.

Education

Bachelor's

Skills

- SQL (10+ years)
- Python (10+ years)
- Go (5 years)
- Git (10+ years)
- MySQL (10+ years)
- Linux (10+ years)
- AWS (4 years)
- REST (10+ years)
- JavaScript (1 year)
- PostgreSQL (7 years)

Assessments

Analyzing data — Proficient

May 2023

Interpreting and producing graphs, identifying trends, and drawing justifiable conclusions from data

Full results: [Proficient](#)

Software developer skills — Proficient

May 2023

Designed by engineering managers and real-world employers, this test gives you hard data points to evaluate technical competency

Full results: [Proficient](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.