Reinis Šestakovskis

Senior Software & AI Engineer | Python, React, TypeScript, C# .NET

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Versatile Senior Software Engineer with 7+ years of experience building delightful, reliable, scalable, and user-focused products across backend, frontend, AI/ML, and cloud infrastructure. Experienced in leading end-to-end feature development, architecting distributed systems, and delivering production-ready AI capabilities in fast-paced, product-driven environments. Strong collaborator with a track record of partnering with product, design, and cross-functional teams to ship features that improve user experience, developer velocity, and business outcomes.

Skills

- **Languages:** Python, TypeScript / JavaScript, C#, SQL
- **Backend:** FastAPI, asyncio, Temporal, SQLAlchemy, Pydantic, .NET, RabbitMQ
- **AI/ML:** Multi-agent orchestration, RAG pipelines, LLM integration, LLM evaluation frameworks, LangChain, PydanticAI, OpenAI Agents SDK, PyTorch, TensorFlow
- **Frontend:** React, Astro, Next.js, TailwindCSS, Shadcn, Vue.js
- **DevOps & Cloud:** Docker, Kubernetes, AWS, Azure, GitHub Actions, GitLab, Jenkins, Drone CI, Linux
- **Databases:** PostgreSQL, SQLite, Redis
- **CI/CD & Testing:** Pytest, Playwright, Selenium
- **Observability & Tooling:** OpenTelemetry, Grafana, Sentry, Langfuse, LiteLLM
- **Other:** Product thinking, system design, API design, performance optimization, mentoring, documentation

WORK EXPERIENCE

PandaDoc (www.pandadoc.com)   **Apr. 2025 - Present**
Senior Software Engineer - AI Team   *Remote*

- PandaDoc is a leading document automation and e-signature SaaS platform that empowers teams to create, manage, and track business documents with AI-enhanced capabilities.
- Developing a scalable multi-agent platform to power AI-first products, enabling internal teams and developers to quickly integrate AI features into the PandaDoc platform.
- Responsible for architecture, design, and implementation of core backend services, APIs, RAG pipelines, and agent orchestration logic, including task delegation, inter-agent communication, context management, error alerting, and failure recovery, ensuring high availability, scalability, and maintainability.
- Architected and implemented a robust evaluation framework for the multi-agent system, supporting PII masking, agent output tracking, automated benchmarking on offline datasets, LLM-as-a-judge evaluation on online datasets, performance monitoring, and continuous improvement of AI workflows.
- Collaborated with product managers, designers, and leadership to define feature requirements, optimized AI agent performance, and enhanced user-facing AI experiences.
- Led cross-team initiatives to onboard and support teams in developing AI features, and delivered company-wide knowledge-sharing sessions to educate colleagues on AI best practices.
- Drove adoption of best practices for developer documentation, automated testing, CI/CD, observability, and platform security.
  - **Stack:** Python (asyncio, Pydantic, pytest, SQLAlchemy), Temporal, PostgreSQL, Redis, Docker, Kubernetes, AWS, OpenAI APIs, LiteLLM, Langfuse, OpenTelemetry, Grafana, Sentry, GitHub Actions, Jenkins, Linux.

Aracor (www.aracor.ai)   **Jul. 2023 - Mar. 2025**
Senior Software Engineer   *Remote*

- Aracor is a startup that provides an AI-enhanced B2B SaaS Web platform for helping to deal with legal work. The company recently raised $4.5 million in pre-seed funding.
- As a leading engineer in the ~10 people Development team, I led the development of most of the features for the platform across the whole stack, including Backend, Frontend, and DevOps.
- Led ideation, design, development, UX improvements, and testing for user authentication & authorization, document processing, LLM integration, text citation, email notification, app usage tracking and other features.
- Communicated with users to better identify requirements and UX issues. Led handling of support requests.
- Led documentation of the project, as well as interviewing, onboarding, mentoring for other developers.
  - **Stack:** Python (FastAPI, SQLAlchemy, Mypy, LangChain, Pytest), TypeScript (React); Playwright, PostgreSQL, Redis, Microsoft Azure, Linux (Ubuntu), Docker, GitHub.

Voi Technology (www.voi.com)   **Dec. 2022 - Jun. 2023**
Machine Learning Intern   *Stockholm, Sweden*

- Voi Technology is a unicorn micromobility company that provides electric scooter and bike-sharing services across Europe, aiming to offer sustainable, accessible, and efficient urban transportation.
- Worked on Master's thesis titled "Computer vision-based dangerous riding behaviors detection". Trained and evaluated object detection and image classification models, reaching F1 scores of 90% and 81% respectively.
  - **Stack:** Python (Jupyter, TensorFlow), Google Cloud Platform (GCP), Snowflake, Vertex AI.

ZZ Dats (www.zzdats.lv)   **Dec. 2017 - Aug. 2021**
Software Engineer   *Riga, Latvia*

- ZZ Dats is an IT company specialized in developing and maintaining E-Government software solutions.
- Did Full-stack development in various projects and teams. Main work included developing document and external API data import and processing, development of internal APIs, development of features like system monitoring, tracking and reporting of user data access, configuration and delivery of projects to user's cloud.
- Mentoring of junior developers, participation in knowledge sharing sessions and project documentation.
  - **Stack:** .NET C#, jQuery, TypeScript (Vue.js, Angular), PostgreSQL, Oracle PL/SQL, Redis, Docker, Docker Swarm, Jenkins, Drone CI, Git, RabbitMQ, Selenium, Linux, Windows.

EDUCATION

Uppsala University (www.uu.se)   **Aug. 2021 - Jun. 2023**
Master of Science in Computer Science   *Uppsala, Sweden*

- **GPA: 9.2/10.0** | **Main topics:** machine learning, data engineering, image analysis, cybersecurity, Human-Computer interaction, concurrent and parallel programming, functional programming.

University of Latvia (www.lu.lv)   **Sep. 2016 - Jun. 2020**
Bachelor of Natural Sciences in Computer Science   *Riga, Latvia*

- **GPA: 8.5/10.0** | **Main topics:** software engineering, algorithms and data structures, continuous and discrete mathematics, computer system architecture, computer networks, Web technologies, databases.

OTHER SKILLS & INTERESTS

- **Languages:** Latvian (native), English (fluent), Russian (average), Swedish (basic), German (basic).
- **Interests**: Music (I've played the French horn, trumpet, guitar; played in orchestra), Video-games, Reading.