Anton Karmanov

Backend Engineer

Education

2008–2012 Tula State University,
CAD engineer

Stack

Python, React Native, C#, PostgreSQL, MongoDB, Docker, nginx

Work expierence

Backend engineer (from february 2024)

- Development and maintenance of Telegram bots for business automation and client management
- API integration with external services (Bitrix24, hh.ru, Outlook, Google API, OCR)
- Business logic design for lead management, deal tracking, and notifications
- OAuth2 authentication tools, calendar synchronization, and document text extraction
- Code refactoring, test coverage improvement, and new feature implementation
- Docker/Linux cloud infrastructure deployment and support
- Tech documentation, and release support

Tech lead dev (from january 2022)

- Design/building a customer assistant chatbots, RAG systems, chat/tooling systems
- Cloud deployment/integration
- Experiments and testing varoius applicapable capabilities of LLMs

Backend engineer (december 2018 – january 2024)

- Back-end for APIs
- Cloud deployment/integration
- Finacial operations including crypto/fiat exchange
- tech support, frontend
- Smm automation, chat bots, web-scraping
- DevOps: docker/nginx
- Data analysis/building reports

Fullstack development engineer (august 2016 – november 2018)

- Desktop client (PyQT, Python2.7)
- Backend server (Django, PostgreSQL django-rest, docker)
- Web application (ASP.Net MVC, JQuery, Firebird SQL, IIS)

Software development engineer (may 2015 – july 2016)

- .NET UI controls development. (.NET, WPF, WinForms)
- Mainly domains: maps, charts and diagrams
- Tech support (mostly US customers)

Software development engineer/CAD engineer (august 2013 – april 2015)

- Macros, plugins and applications for CAD-system Tekla Structures using TeklaStructures API and .Net platform.
- Internal time managment system. Gathering, processing and easy representation of information about the employees, delays, premium, payment, etc.
- Steel resources managment system. Various calculation for optimal using, wasting and recycling metal