DENIS FILATOV

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Summary

Senior Software Engineer with 10+ years of industry experience and over 1.5 years of engineering leadership. Strong in backend and infrastructure development (**Python**, **Node.js**, **Docker**, **PostgreSQL**), with direct experience hiring and mentoring engineers, designing scalable systems, and leading delivery. Proven ability to operate as a founding engineer — setting up processes, architecture, and monitoring from the ground up. While my background is primarily technical, I'm eager to contribute to product strategy and will thrive in an environment where product leadership is collaborative.

Experience

EssayGrader
Software Engineer   2024-2025
- Developed scalable async backend job pipeline using BullMQ on Express.js project, enabling multi-step task processing and error tolerance
- Implemented custom multi-strategy authentication using Passport.js, supporting logged-in users and anonymous traffic
- Delivered AI-powered tools with request throttling for high-volume marketing pages
- Contributed to frontend using Vue.js, integrating backend APIs and improving UX

BB Entertainment
Lead Software Engineer   2023 – 2024

- Led Python-based backend architecture for a suite of internal services deployed on Linux servers using **Django**, **FastAPI**, **PostgreSQL**, and **Redis**
- Grew tech department from zero to a fully operational Agile team
- Successfully integrated and deployed codebases from 5 legacy systems into production
- Designed and implemented production infrastructure using **Docker**, **Prometheus**, **Grafana**, and **Cloudflare**
- Mitigated 3 high-load DDoS attacks (50k RPS)
- Hired and trained a backend team (3 devs), frontend dev, and QA
- Established GitLab-based workflows, **CI/CD pipelines (GitLab CI)**, and code review processes
- Oversaw long-term planning and delivery of backend service improvements

Fueled
Software Engineer   2023

- Developed modular ETL pipelines using **Node.js** and **AWS Lambda** deployed via the **Serverless Framework**
- Integrated multiple e-commerce applications (Shopify) with custom backend logic and data transformations

Amenify
Software Engineer   2020 – 2022

- Migrated monolithic Python backend to microservice architecture using **Django**, **GraphQL Federation**, and **PostgreSQL**
- Maintained and extended multiple internal admin web apps with Python and **React Native**
- Implemented and integrated automated integration tests into the **CI/CD** pipeline to ensure safe deployments
- Designed and executed backend load testing plans, optimizing service performance

Code Art LP
Full-stack Developer   2018 – 2021

- Delivered full-stack features using **Node.js**, **Next.js**, **React**, **React Native**, **FastAPI**, and **Django** across various client projects
- Built reusable backend modules and frontend components in distributed team settings
- Led a long-term full-stack project independently through launch and maintenance

DDPlanet
Lead Dotnet Developer   2017 – 2018

- Managed dev team across several internal and external projects
- Led transition to a modern frontend stack using React frontend stack (**React**), trained team, and led design of new web app architecture

CMS planet development
Dotnet Developer   2015 – 2017

- Built and maintained crawlers for structured web scraping using .NET
- Developed features in ASP.NET MVC-based platforms

Sintek
Web Developer   2014 – 2015

- Developed internal monitoring and analytics tools
- Participated in building a new SaaS product from scratch

Developer Express, Inc
Software Engineer   2013 – 2014

- Contributed to WPF-based desktop product development using MVVM
- Gained foundational experience in software development, source control, issue tracking, and Agile workflows

Education

Tula State Leo Tolstoy University, Master's Degree, Computer Science
Math, Software, and Databases

Additional

Languages: Russian - native, English - C1
Skills: python, django, flask, fastapi, node.js, javascript, typescript, express, nest.js, react, next.js, golang, dotnet, c#, docker, ci/cd, linux, aws, microservices, graphql, gRPC