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.

Key skills

- **Frontend**: React, Next.js, Redux, Vue.js, HTML5, CSS3, Web Components, Responsive Design
- **Backend**: Node.js, Express, Python, Django, FastAPI, asyncio
- **Integration & Workflows**: OAuth, async processing (BullMQ, Celery, async queues), API integrations
- **Testing**: Jest, Mocha, Cypress, TDD, E2E, Units, Functional
- **API**: RESTful APIs, GraphQL, Swagger/OpenAPI, Postman
- **CI/CD**: GitLab CI, Github Actions
- **Cloud**: AWS (Lambda, S3, EKS, EC2, SQS, DynamoDB), Docker
- **Databases**: PostgreSQL, MongoDB, Redis

Experience

EssayGrader
Software Engineer   2024-2025

- Built production-ready front-end components with **Vue.js**, adhering to design consistency and accessibility standards.
- 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

BB Entertainment
Lead Software Engineer   2023 – 2024

- Hired and led a cross-functional team (**5 people**: backend, frontend, QA)
- Took ownership of **5 legacy products**, migrating them to an internal stack and establishing production-grade reliability
- Built backend services with **Django**, **FastAPI**, **PostgreSQL**, **Redis**, and containerized deployments via **Docker**
- Set up observability stack with **Prometheus**, **Grafana** and configured **Cloudflare** for protection
- Introduced **CI/CD pipelines** via **GitLab CI** and implemented Agile processes with **Linear**
- Responded to and mitigated several DDoS incidents (50K+ RPS), improving platform resiliency

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

- Built and maintained React Native mobile app and frontend features using **React**, **React Native**, and **GraphQL** backend.
- Maintained and extended **10 internal web apps** with **Python**, **React** and **React Native**
- Implemented **Apollo Federation**, a GraphQL Schema Federation solution that enables multiple microservices to be accessible through a single schema.
- Designed and executed backend load testing plans, optimizing service performance
- Introduced and integrated automated integration tests into the CI/CD pipeline

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
- Implemented **pixel-perfect** frontend layouts from Figma/wireframes using **React/Next.js**, **HTML5**, **CSS3**, and **styled-components**.
- Led a long-term full-stack project independently through launch and maintenance

Earlier experience   2013-2018
Software Engineer

- Built and maintained software using **.NET (ASP.NET, MVC, .NET Core), C#**, and **JavaScript (React, HTML/CSS)**.
- Led a team transition from legacy stack to modern **React**-based frontend, implemented crawlers, CMS features, internal dashboards, and contributed to both backend and desktop development.
- Gained deep experience with **frontend/backend architecture**, **team leadership**, and **software delivery** across both **enterprise and SaaS** projects.

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