ILYA BELOUS

SENIOR FULL STACK DEVELOPER

ABOUT

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🏠 Parsippany, NJ, US

📞 (201) 632-1086

SKILLS

Frontend

- React/Next.js
- Angular/Vue.js
- Javascript/Typescript
- Tailwind CSS/Bootstrap
- WebSockets/Real-Time Data
- GraphQL/RESTful API

Backend

- Python/Django/Flask
- Ruby on Rails
- Java(Spring Boot, Hibernate, Maven)
- Node.js/Express
- .NET/C#

Database

- PostgreSQL/Oracle/MySQL
- MongoDB/Redis/Cassandra
- Firebase/Supabase

Microservices & Cloud

- AWS/Azure/Google Cloud
- JWT/OAuth2/Devise/Role-Based Access Control (RBAC)
- Jenkins/Docker/Kubernetes/Terraform
- Cypress/Jest/Mocha/RSpec/Selenium

Remote Collaboration

- GitHub/Jira/Slack/Zoom/Notion/Trello

LANGUAGES

English

Spanish

NO CHALLENGES, NO SUCESS!

- **Senior Full-Stack Engineer** with 10+ years of experience building scalable, high-performance web applications using modern JavaScript frameworks (React, Next.js, Angular, Vue.js) and robust backend technologies (Node.js, Ruby on Rails, .NET, Python/Django). Proven expertise in architecting cloud-native solutions on AWS, Azure, and Google Cloud, with deep knowledge in microservices, API design (REST & GraphQL), and CI/CD automation.
- Skilled in leading cross-functional teams and thriving in distributed, remote-first environments. Comfortable working across time zones, managing asynchronous communication using tools like Slack, Zoom, GitHub, and Jira. Passionate about writing clean, testable code and continuously learning new technologies.

WORK EXPERIENCE

Senior Full Stack Developer From September 2020 to March 2025

Northstar Software Development New Jersey, USA

- **Developed and launched** a **high-performance web application** for the **Kaspiano CoinMarket platform**, using **Angular, PostgreSQL, and AWS**, resulting in a **40% improvement in system speed and reliability**.
- **Architected scalable front-end solutions** with **React, Redux, Next.js, and Material UI**, reducing **page load times by 50%** and **increasing user retention by 30%**.
- **Designed and implemented RESTful and GraphQL APIs**, cutting down API response time by **45%** through optimized indexing and caching strategies.
- **Migrated a monolithic application to a microservices-based architecture** using **Node.js & Ruby on Rails**, **reducing server costs by 35%** and **boosting system efficiency**.
- **Implemented automated testing** using Cypress, Jest, and RSpec, increasing **test coverage from 60% to 90%**, leading to a **50% decrease in production bugs**.
- **Automated CI/CD pipelines with GitHub Actions, Jenkins, and Docker**, reducing **deployment time by 60%** and **eliminating manual errors**.
- **Enhanced security and compliance** by integrating **OAuth2, JWT, and multi-factor authentication (MFA)**, strengthening **data protection for over 10,000 users**.

Full Stack Developer From April 2013 to August 2020

JetSharing.co New Jersey, USA

- **Built a scalable backend infrastructure** using **Ruby on Rails & AWS Lambda**, reducing **operational costs by 40%** through serverless computing.
- **Developed a real-time flight booking system** with **.NET (C#), Python Django/Flask, and Angular**, increasing **booking speed by 35%** and reducing **server downtime by 25%**.
- **Engineered event-driven microservices** using **Kafka & RabbitMQ**, improving **system responsiveness by 45%** and reducing **latency for high-traffic transactions**.
- **Integrated secure payment gateways** (Stripe, PayPal) with **.NET APIs**, ensuring **99.9% successful transaction rates** and achieving **full PCI-DSS compliance**.
- **Led a cloud migration project**, transitioning from an on-premise setup to **AWS & Azure**, resulting in a **70% improvement in system scalability** and **reducing infrastructure costs by 30%**.
- **Developed an AI-powered flight pricing algorithm**, increasing **customer engagement by 20%** and **revenue by 18%** within the first six months.
- **Created a role-based access control system (RBAC)** to improve **security and user permissions**, reducing unauthorized access incidents by **60%**.

Full Stack Engineer From May 2009 to March 2013

Bel-Tech Solutions New Jersey, US

- **Collaborated with senior developers to create modern, responsive web interfaces and optimized user experiences**
- **Redesigned client websites for improved functionality and visual appeal, boosting user engagement.**

EDUCATION

Bachelor of Engineering (B.E.) in Computer Engineering From March 2005 to May 2009

Stevens Institute of Technology New Jersey, US

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