

KOSTIANTYN DENYSOV

Staff engineer



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🏠 Berlin, Germany

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📅 Mar 10, 1988

🌐 Ukrainian

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OBJECTIVE

Visa status: Permanent residency in Germany

Results-driven and highly skilled Backend Software Engineer with a proven track record in both big corporations and startup environments. Offering extensive expertise spanning various industries, including E-Commerce, Fintech, and HR tech. Proficient in designing, developing, and optimizing robust backend systems that drive business success.

SKILLS

- nodejs
- express
- fastify
- nextjs
- gRPC
- RPC
- Asynchronous Programming
- RESTful API Design
- GraphQL
- WebSockets
- TypeScript
- Event-Driven Architecture
- Middleware Integration
- Security Best Practices (OWASP)
- Unit Testing (Mocha, Chai, Jest)
- Integration Testing
- CI/CD Pipelines
- Authentication & Authorization (JWT, OAuth)
- SQL and Query Optimization
- PL/pgSQL Programming
- NoSQL Data Modeling (MongoDB)
- Go
- Version Control (Git)
- Cloud Platforms (AWS, GCP, Azure)
- Container Orchestration (Kubernetes)
- DevOps Practices and Tools (Terraform, Pulumi)
- Agile/Scrum Methodologies
- And many others ...

LANGUAGES

- English | Advanced
- German | Elementary
- Ukrainian | Native
- Russian | Native

EXPERIENCE

Feb 2024

Present

STAFF ENGINEER

Join Solutions | Berlin, Germany

- Led a team up to 4 engineers to successfully implement security and permission-based checks, also refactored whole logic of application processing, that increased application count up to 15%.
- Developed and deployed a scalable microservices architecture using gRPC, Docker, and Kubernetes, which improved system performance by 25%.
- Collaborated with cross-functional teams (Product, Design, QA) to deliver software releases on schedule, achieving a 95% on-time delivery rate.
- Participated in code reviews and provided constructive feedback, which resulted in a 20% improvement in code quality and a significant reduction in post-release bugs. Also, worked on a code review and firefighter policies.

Dec 2022

Jan 2024

SENIOR BACKEND SOFTWARE ENGINEER

Join Solutions | Berlin, Germany

- Developed scalable and efficient backend services primarily using TypeScript, enhancing system reliability and performance across multiple projects.
- Designed and implemented gRPC APIs for seamless communication between backend systems, improving inter-service communication efficiency by 50%.
- Optimized database queries and implemented performance enhancements, achieving up to 1000x faster query execution for critical database operations, significantly boosting overall system responsiveness.

Sep 2021

Dec 2022

SENIOR SOFTWARE ENGINEER

Pixsy | Berlin, Germany

- Designed and implemented advanced image comparison algorithms that increased accurate image recognition rates by 40%, enhancing the platform's capability to identify image matches.
- Developed a system for grouping found images by company utilizing data from social networks, which improved the efficiency of image categorization and customer reporting by 35%.
- Automated data collection and analysis processes, boosting operational efficiency and reducing manual data handling time by 50%.
- Implemented a testing culture and enforced test writing, resulting in a 60% reduction in production bugs and significantly improving code reliability and maintainability.

Mar 2020

Aug 2021

BACKEND TECHNICAL LEAD

Sonect | Zurich, Switzerland

- Led the backend development team in the largest project to date, delivering a white-label solution, "Just in Cash," for BNL.
- Spearheaded the split of a monolithic application into microservices, enhancing scalability and maintainability.
- Migrated the system to a bare metal environment, improving performance and reducing operational costs.
- Integrated the solution with the Bank of Lithuania and a major European debt collector, ensuring seamless financial operations.
- Oversaw the successful implementation of the white-label solution for BNL, including integration with top financial institutions.
- Promoted and enforced a culture of testing and code quality, leading to a 50% reduction in critical bugs and enhanced system reliability.

May 2019

Mar 2020

BACKEND TECHNICAL LEAD

BillBeez | Kyiv, Ukraine

- Led a team of developers to successfully launch a new ntech platform with enhanced performance and security measures.
- Developed scalable and reliable microservices architecture using Node.js and MySQL to optimize data processing speed.
- Designed and implemented RESTful APIs for seamless communication between frontend and backend systems.

Oct 2017

May 2019

FULLSTACK SOFTWARE ENGINEER

Thomas Cook | Kyiv, Ukraine

- Developed web applications using Angular (JavaScript and TypeScript), beside HTML, CSS, and React.
- Designed and implemented RESTful APIs using Node.js and Express.
- Utilized MySQL and MongoDB databases to store and retrieve data.

Aug 2017

Oct 2017

SOFTWARE ENGINEER (SHORT CONTRACT)

Eze.tech (Consulting agency)

| Kyiv, Ukraine

- Developed and maintained backend systems for e-commerce platform (tickets reseller) with a team of developers.
- Designed and implemented RESTful API services for a web application using Node.js and Express.

Apr 2017

Aug 2017

SOFTWARE ENGINEER

Intersog | Kyiv, Ukraine

- Developed and maintained software solutions for the Prefender project focusing on searching personal data and aligning with GDPR.
- Collaborated with cross-functional teams to design and implement data privacy features in accordance with regulatory requirements.
- Optimized search algorithms and data storage mechanisms to enhance the efficiency of personal data retrieval.

Jan 2016

Apr 2017

SOFTWARE ENGINEER

Leantegra | Kyiv, Ukraine

- Migrated the CVO portal from Angular 1.5 to React, enhancing performance and user experience. Created a real-time location service and analytics platform, improving data accuracy and providing actionable insights.
- Developed and maintained full stack applications using a diverse set of technologies, including:
 - Frontend: JavaScript (Vanilla, ES5, ES6), Angular.js (1.x), jQuery, React, Redux, HTML5, CSS3, Bootstrap, SCSS, LESS
 - Backend: Node.js, ExpressJS, Sequelize
 - Databases: MySQL, PostgreSQL, MongoDB
 - Tools and Frameworks: MVC, Mocha, Chai, Gulp, Webpack, Babel
- Designed and implemented REST APIs and developed data visualization features using NVD3.

EDUCATION

Sep 2004

Jun 2009

(M.FIN.) FINANCE

Kyiv National Economic

University | <https://kneu.edu.ua/en/>

Sep 2017

Jun 2021

(B.S.) COMPUTER SCIENCE

National Technical University of

Ukraine "Igor Sikorsky Kyiv

Polytechnic Institute"

| <https://kpi.ua/en/>

PROJECTS

1. Personal website: <https://www.denysov.me>
2. URL Shortener: <https://www.sshare.dev>