

Dilshod Inomov

Fairfield, Iowa 52557 • 641-233-9601 • dinomov@gmail.com
[linkedin.com/in/dinomov](https://www.linkedin.com/in/dinomov)

Senior Software Engineer

Software engineer with over 10 years of experience in developing **backend**, **middleware**, and **web** applications in **fast-paced**, **deadline-driven** environments, with a strong background in **Java/Spring Boot**, **PHP/Yii**, **C#.NET**, **React**, **JavaScript**, **Oracle**, **PL/SQL**, **MySQL**, **Couchbase**, **MongoDB**. Led multiple projects as a **team lead**, ensuring **high-quality** and **scalable** solutions.

Software Design and Architecture • Design Patterns • Database Architecture
Problem-Solving • Data Structures • Team Collaboration • Leadership • Code Review
Multithreading • Reactive and Functional programming • Clean Code • CI/CD

Languages: Java, C#, PHP

Web: HTML, CSS, JavaScript, React.js, Angular.js, Node.js, JWT, REST, SOAP

Web/App Servers: Apache Tomcat, WebLogic, Apache HTTP, Nginx

Frameworks: Spring Boot, Quarkus, Struts, ADF, OSGi, Hibernate, Mockito, JUnit, Yui, JSP, JAXB, JDBC, MyBatis

Databases: MySQL, Oracle, PL/SQL, Couchbase, MongoDB

Tools: IntelliJ IDEA, PhpStorm, Visual Studio, Ant, Maven, Jira, Confluence, Git, GitHub Actions, Jenkins, Docker, Kubernetes, Kafka, RabbitMQ, Postman

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

Amadeus, Sofia, Bulgaria • 07/2022 – 05/2023

A software solutions company for the global travel and tourism industry.

Senior Java Software Engineer

Built Microservices and supported legacy middleware.

- Decomposed the monolithic travel software into microservices, such as searching, booking, and payment using Java, Quarkus, JAXB, RabbitMQ. This improved scalability and maintainability.
- Integrated gRPC and Protocol Buffers (protobuf) to facilitate Remote Procedure Calls (RPC) between microservices, ensuring efficient communication and interoperability.
- Proposed and designed integration tests using test containers for microservices with RabbitMQ and Couchbase. This saved 60% of the time in development and running the integration tests.
- Developed a gateway that mirrors messages from the legacy system to the new microservices architecture using Google Guava, IBM MQ, and design patterns (Multithreading, Singleton, Strategy, Template). Facilitated testing for the microservices replacing the legacy back-end.
- Converted ant-based Java projects of the legacy middleware in a service-oriented architecture (SOA) to Maven, significantly improving dependency management and project structure.
- Upgraded the Java version from 8 to 11 for the legacy middleware and refactored code using functional programming, enhancing code quality by 80%.

Technologies: Java, Quarkus, Maven, Couchbase, RabbitMQ, IBM MQ, Jenkins, Docker, Kubernetes, OpenStack, Microsoft Azure, Jira, Git/Bitbucket, Helm charts, Testcontainers, Agile/Scrum

Appinux, Jægerspris, Denmark • 09/2015 – 07/2022

A Danish company dedicated to creating long-lasting and effective changes in the social and health sectors.

Team Lead / Senior Full Stack Developer (05/2017 – 07/2022)

- Integrated a telemedicine web app with an ADFS server for Single Sign-On (SSO) using SAML and SimpleSAMLphp. This effort attracted three new customers and boosted company income by 10%.
- Developed a video call feature in a telemedicine web app using socket.io, Node.js, and JavaScript, successfully meeting the requirements of 80% of customers.
- Implemented a module to monitor psychiatric patients with PHP/Yii, AngularJS, HTML5, and CSS3. This initiative brought in one new customer and increased company income by 3%.

- Performed an analysis of customer requirements and issues, created tickets on GitLab, and delegated tasks to other developers, resulting in streamlined issue resolution and enhanced team efficiency.

Senior Full Stack Developer (09/2015 – 04/2017)

- Enhanced patient care through the implementation of rehabilitation and observation monitors, a calendar, call center, and other modules using PHP, MySQL, REST, and AngularJS.
- Seamlessly integrated with government systems and partners' servers using PHP, SOAP, XML, and Cron, facilitating efficient data exchange.
- Optimized database performance through enhancements such as query restructuring, indexing, and caching, achieving REST services response time under 3 seconds, and enhancing query performance and system scalability.

Technologies: PHP, Yii, Java, JavaScript, AngularJS, NodeJS, HTML, CSS, MySQL, GIT, GitLab, CentOS/Debian, VMware, REST, SOAP, socket.io, C#.NET, Xamarin

ZF Friedrichshafen AG, Pilsen, Czechia • 11/2011 – 08/2015

Global tech company renowned for design, R&D, and manufacturing in the **automotive** industry.

Java Developer

- Developed various telematics applications for a telematics platform using Java OSGi, Maven, EclipseLink, Oracle, ADF, Android Programming, and MQTT. These applications gained widespread adoption among bus and truck companies in Hong Kong and Europe.

Technologies: Java, OSGi, ADF, JPA, Maven, Eclipse, WebLogic, Oracle DB, MQTT, Jira, Confluence, Agile, Subversion.

Sefira spol. s r.o., Prague, Czechia • 08/2008 – 09/2011

Providing software solutions in the energy sector and services in banking.

Java Developer

- Designed and implemented multiple web applications for both internal and customer use, utilizing Java/Struts, JSP, Apache Tiles, Oracle, PL/SQL, Apache Axis, SOAP, and Jasper Reports. This initiative enhanced internal processes and improved customer interactions.

Technologies: Java Struts, JSP, Apache Tiles, JDBC, Ant, Tomcat, ADF, IntelliJ IDEA, WebLogic, Oracle DB, PL/SQL, Subversion, Jasper Reports

INDEPENDENT CONTRACTOR EXPERIENCE

Upwork (Quantimo - quantimo.do), USA • 01-2014 – 07-2014

Web Application Developer (Remote – part-time)

- Contributed to developing a web application using **PHP, Slim, MySQL, JavaScript**

Technologies: PHP, Slim, MySQL, JavaScript, jQuery, HTML, CSS

Upwork (Wavebid, LLC - wavebid.com), Omaha, NE USA • 08-2012 – 05-2013

Web Application Developer (Remote – part-time)

- Participated in developing auction software SaaS using **Java, Spring, MyBatis, MySQL**

Technologies: Java, Spring, Elasticsearch, MyBatis, MySQL, JavaScript, jQuery, HTML, CSS

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 12/2025)

Maharishi International University, Fairfield, Iowa

Grade: 4.0

Key Courses: Modern Programming Practices, Web Application Architecture, Web Application Development, Software Architecture, Enterprise Architecture

Bachelor(06/2003) and Master(06/2006) in Applied Mathematics

National University of Uzbekistan, Tashkent, Uzbekistan