

# Denis V. Aleksandrov

Adobe Commerce (Magento) Developer

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<https://github.com/denal05/>

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Skopje, Karposh, 1000, North Macedonia

25+ years of IT experience. Medior Magento developer. A well-organized software engineer. Developed Magento 2 e-commerce shops, LAMP-stack web apps, iOS mobile apps, Java enterprise apps, and embedded systems firmware. Had a role in two FDA-certified medical devices.

## Work Experience

### MAGENTO 2 DEVELOPER

Nov 2023 - Aug 2024

[SYNCIT GROUP](#) | remote

Delivered Magento upgrades, created Docker environments, and removed malware.

- Upgraded Magento websites of existing production environments from 2.3/2.4 to 2.6/2.7
- Created various Docker environments for Magento 2
- Detected and removed malware
- Customized the classic Magento 2 multi-page checkout

### MAGENTO 2 DEVELOPER

Feb 2023 - Jun 2023

[NTT DATA SPAIN](#) | remote

Wrote modules according to user stories and provided defect fixes in staging and production environments.

- Worked extensively on the "bulk order status update" functionality
- Integrated Algolia search
- Customized the "onepage" checkout
- Recommendation by Gerald Pesjak, Tech Lead at Technology Everywhere: "I appreciated your good vibes and good quality of code working with you as a developer in an ecommerce solution for Orange Belgium. You have an excellent team spirit and were always open to give others a helping hand if needed. Your understanding of magento2 is very good and your quality of code is well considering the PSR standards. I recommend working with Denis in a magento2 project as a developer."

### MAGENTO 2 TECH SUPPORT ENGINEER

Jun 2021 - Dec 2022

[ON TAP GROUP](#) | remote

Provided first-tier technical support to e-commerce clients via the help desk and live chat, covering products and services, triaging issues, and providing partial or full solutions. The products included extensions for Magento 2, OpenCart, PrestaShop, and WooCommerce.

### PROJECT LEAD & MAGENTO 2 DEVELOPER

Dec 2018 - Apr 2021

[CODEWELL UNLIMITED DOO](#) | North Macedonia

Responsible for project management using Scrumban. Developed both backend and frontend Magento 2 modules, running on AWS EC2. For more information regarding these projects, please see <https://denal05.github.io>

- Developed the e-commerce of a book publisher's e-book system.
- Developed kids' merchandise shop

### PROJECT MANAGER

Mar 2011 - Oct 2018

[INFORM DOO](#) | North Macedonia

Responsible mostly for project management. Other responsibilities included regulatory compliance, quality assurance, technical writing, software development, system administration, operations, procurement, human resources, and

corporate social responsibility. Between 2011 and 2018, major clients were IntriCon Micromedical Technology, Gauge Telematics, and SnapBar.

- Recommendation by Bryan Brenchley, Mentor for New Business & Tech Startups: "Denis worked for me at INform for over 7 1/2 years. He was always ready to work above and beyond. He worked in many capacities - QA, Project Management, Customer Service, and Software Development. His attention to detail was helpful in all job capacities. Our clients spoke highly of his organizational and communication skills. He is a team player with a positive attitude. I gladly recommend Denis..."

## **JUNIOR DEVELOPER | JUNIOR TESTER | CONFIGURATION MANAGER**

Feb 2009 - Mar 2011

[Seavus \(acquired by Qinshift\)](#) | North Macedonia

Studied the ARM RISC microcontroller architecture (ARMv4x - ARMv8x). Utilized working procedures and protocols fundamental to source code development within Seavus. Performed software testing and Configuration Management for production releases as part of Quality Assurance.

## **COMPUTER SCIENCE TEACHER**

Sep 2007 - Apr 2008

[MOREAU CATHOLIC HIGH SCHOOL](#) | Hayward, California, USA

Instructed students on three subjects: Advanced Placement Computer Science for the College Board AP CS A exam, Introduction to Computer Science using Java, and Computer Essentials with Microsoft Office. Clarified fundamental Computer Science concepts. Encouraged discipline, diligence, and design.

## **APPLICATION ENGINEER**

May 2007 - Oct 2007

*MOVELL SOFTWARE, INC.* | Hayward, California, USA

Integrated weekly source code releases of Movell's real-time remote diagnostic software engine I-DEAL onto a development board running embedded Linux using the GNU ARM toolchain. Demonstrated the diagnostic software to potential customers.

## **ENTRY-LEVEL JAVA DEVELOPER**

Jan 2007 - Apr 2007

*DIVVIO* | Hayward, California, USA

Coordinated release builds, extended functionality of media player integration, and implemented new features of the flagship product: a Web2.0 application video/audio aggregator.

## **IT SPECIALIST**

Apr 2005 - Dec 2005

*NORMAN CHRYSLER JEEP DODGE* | Norman, Oklahoma, USA

Single-handedly maintained and expanded the entire IT infrastructure (including desktops, servers, databases, and networking equipment) of a major automobile dealership with three satellite offices. Made decisions in purchasing and coordinating with technology goods and services. Involved with all aspects of security.

## **MICROCOMPUTER LAB TECHNICIAN (HELP DESK)**

Apr 2000 - Oct 2003

[Office of IT at the University of Central Oklahoma](#) | Edmond, Oklahoma, USA

Assisted Technology Support with work orders, including PC rebuilds/installation/removal/upgrades and basic and intermediate troubleshooting. Helped with the disposition of surplus computer equipment, including destroying data, salvaging parts, and rebuilding PCs. Checked IT computer labs and delivered printer supplies as needed.

## **Projects**

### **Extra Blog module for Magento 2**

Oct 2023 - Oct 2023

An extra Magento 2 module, with plugins for the "Blog" module, built as an exercise for the M.academy "Magento 2 Coding Kickstart" course by Mark Shust.

## Blog module for Magento 2

Sep 2023 - Sep 2023

A Magento 2 module built as an exercise for the M.academy "Magento 2 Coding Kickstart" course by Mark Shust with additional functionality.

## docker-compose-plain-vanilla-magento-2.4

Nov 2023 - Aug 2024

Configuration files for a Docker container running plain-vanilla Magento Open Source 2.4

## SwiftOtterOrderExport

Oct 2023 - Present

A Magento 2 module built as an exercise for the SwiftOtter "Prep Course for Adobe Certified Professional Developer (AD0-E702)" by Joseph Maxwell.

## Volunteer Experience

### Localization Volunteer (Macedonian language)

Jul 2011 - Present

*YouVersion*

Faithfully serving as a volunteer on the team that localizes the most popular Bible app for iOS, Android, and web into the Macedonian language.

### Financial Officer

Jul 2013 - Oct 2017

*SEAM (IFES/InterVarsity in North Macedonia)*

Responsible for finances, from paying bills and taxes to planning annual budgets, fundraising, grant proposals, and coordinating with the certified public accountant and financial officers of the umbrella organization International Fellowship of Evangelical Students (IFES/InterVarsity).

### Team Member

Oct 2010 - Jun 2013

*HBM (CBMC in North Macedonia)*

Participated in the Christian Business Network in North Macedonia - a marketplace ministry.

## Core Skills

**E-commerce Development:** Magento 2, Malware detection and removal, Docker, PHP, MySQL, JavaScript, KnockoutJS, jQuery, Linux, Apache, Nginx, payment gateways, Postman, PhpStorm, REST API

**Web Development:** LAMP, Java, SQL, git, Tomcat, HTML, Node.js, CSS, Bootstrap, TypeScript, AWS, Express.js

**Project Management:** Jira, Gitlab, Bitbucket

**iOS App Development:** Swift, SwiftUI, Objective-C, SQLite, Firebase, Realm Database, Bluetooth Low Energy (BLE), Core ML, Core Bluetooth, Core Data, Core Location, Create ML, Xcode

**Desktop App Development:** C++, Qt

**Embedded Systems:** C, Perl, Arduino, ARM microcontrollers, IAR Embedded Workbench

## Education

### Northwestern Polytechnic University (now San Francisco Bay University)

May 2006 - Apr 2008

Master of Science Electrical Engineering

### University of Central Oklahoma

Dec 1999 - Apr 2005

Bachelor of Science Computer Science

Minor: Engineering Physics

## Languages

English (*fluent*), Serbian (*intermediate*), Croatian (*intermediate*), Bulgarian (*intermediate*), Albanian (*basic*)

## Certificates

<b>Transform Magento 2 Admin Grids &amp; Forms (Credential ID cert_c15w41wz)</b> <i>M.academy</i>	Oct 2023
<b>Magento 2 Coding Kickstart (Credential ID cert_jp1pmr3t)</b> <i>M.academy</i>	Sep 2023
<b>iOS &amp; Swift - The Complete iOS App Development Bootcamp</b> <i>Udemy</i>	Jan 2021
<b>Swift 4 Fundamentals</b> <i>Sololearn</i>	Oct 2018
<b>iOS Advanced Training in Objective-C</b> <i>Seavus Education and Development Center</i>	Jul 2016
<b>iOS Basic Training in Objective-C</b> <i>Seavus Education and Development Center</i>	Jun 2016
<b>Sun Microsystems Certified Java Programmer for the Java 2 Platform 1.4 - 06/05/2006</b> <i>Sun Microsystems</i>	Jun 2006

## Interests

hiking, Baroque music, Jazz, Blues, Ethno music, Tango Nuevo, Progressive Rock, Electronic music, Gospel music, Worship