

# Pavel Dzhalev

since Feb 1, 2000

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## EDUCATION

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### HSE University

*Bachelor of Software Engineering*

Moscow, RUS

*Expected June 2024*

- Advanced principles of OOP in C#
- Algorithms and data structure in C++
- Algebra, Math Analys, Discrete Math, Applied math with Python (numpy, sympy)
- Relational Databases with PostgreSQL
- Software systems architecture

### American College of Sofia

*High School Diploma - Computers profile*

Sofia, BG

*June 2019*

- Language school curriculum
- Introduction to programming and web technologies in C++, Java, HTML and css

## EXPERIENCE

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### Software Developer

*Sofia Drafting, Hexagon*

August 2021 – Present (2+ years)

*Sofia, BG*

- Develop smart sketching industry WPF and WinForms desktop applications for a range of Hexagon smart sketching products (SPPID, SPI, SPF).
- Develop excel macros.
- Supervision of small projects through their whole production cycle (planning, execution, support).
- Follow SCRUM development cycle.
- Always exceeded quarterly performance expectations.

### Founder and web developer

*Web Dojo*

November 2019 – Present (4+ years)

*Sofia, BG*

- Founded and still managing a small digital agency, which facilitates the web presence of small to medium businesses. Throughout these 4 years, we have gained expertise in web development, branding, social media marketing and presence, and advertising.
- Gained experience with the full service cycle of a software product - finding clients, defining requirements, discussing offers, development, testing, presentation and corrections, and support.
- Successfully deployed 20+ client websites with individually designed themes.

## PROJECTS

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### Weather forecast android application [repo]

June 2022

- As a part of my Kotlin university course, I created a weather forecast android application. The application communicates with the OpenWeatherMap API and displays the data to the user.
- Followed all architectural guidelines and good principles outlined on the android development site - separation of concerns, data models, unidirectional data flow, code layering.

### Warehouse management system [repo]

March 2021

- Warehouse is a windows forms application for warehouse management which allows to categorise products and keep track of their availability in stock. The project was created as a part of my university course as an individual peer grading assignment.
- Experience designing a medium-scale application and divide development process accordingly.

### Expert BG

December 2021

- A multi platform application for connecting professionals with their clients. Craftsmen list their advertisement on the application where other people can search and filter through all such ads and contact them directly.
- Hands on experience in working in a team.

## TECHNICAL SKILLS

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**Languages:** C#, C++, Java, Kotlin, Dart, HTML, CSS

**Storage:** Sql Server, MS Server Management Studio, Oracle, Firestore

**Frameworks:** .NET, Jetpack Compose, JavaFX, Spring, Flutter

**Developer Tools:** Git, Github, Azure Devops, Visual Studio, Rider, Android Studio, Linux, Wordpress

**Virtual enironments:** Docker, AWS (EC2), RDC, VMWare, Hyper-V

## ACHIEVEMENTS

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**2021** 1st place in National Water polo championship

**2021** [Best young driver of Bulgaria]

**2022** 2nd place in National Water polo championship

## SKILLS AND HOBBIES

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**Languages:** English, Russian, French

**Sports:** Water polo, ski, snowboarding, biking

**Techy:** Blockchain, DEFI, and DAPPS.