

Jordan Jordanov

Software Engineer and Computer Scientist

Summary

I currently work as a developer in a large software team, where I deliver new features on a daily basis. I'm passionate about modern web (C# & JavaScript), cloud native (Azure, Docker & Aspire) technologies, and DevOps practices (CI, CD, GitOps, MLOps). Additionally, I hold a PhD in Computer Science and serve as a part-time assistant professor at the University of Economics – Varna.

Experience

Senior Full Stack Developer

Heidelberg Materials | 2019 - Ongoing

- Architected and delivered a cross-platform mobile application (React Native) and admin panel (React)
- Led end-to-end ownership of 50+ production deployments with 90%+ success rate
- Implemented CI/CD pipelines using GitLab CI, Docker, Kubernetes, Azure, and Jira
- Drove customer acquisition growth by 35% through feature development and UX improvements based on analytics-driven insights
- Spearheaded Agile ceremonies including daily stand-ups, sprint planning, and weekly stakeholder demos
- Designed and implemented microservices architecture using DDD, CQRS, and Event Sourcing
- Mentored junior developers through code reviews, pair programming sessions, and technical documentation

- Epic owner of multiple key features, coordinating cross-functional teams to deliver high-impact solutions

Assistant Professor

University of Economics - Varna | 2019 - Ongoing

- Designed and delivered comprehensive computer science curricula
- Represented the university at national and international scientific conferences
- Developed innovative teaching materials integrating real-world industry practices with academic theory, improving student engagement
- Served as jury member and coach for programming Olympiads
- Published peer-reviewed research in indexed journals
- Conducted case studies on educational technology innovations

Junior .NET Developer

UKG HR | 2017 - 2019

- Led critical migration initiative converting legacy .NET Framework 4.5 services to .NET Core
- Engineered secure payment gateway integrations with Stripe and PayPal APIs using Test-Driven Development
- Collaborated with cross-functional teams across multiple time zones, participating in code reviews and knowledge-sharing sessions
- Implemented RESTful APIs following clean architecture principles, ensuring maintainability and scalability

Education

PhD in Computer Science

University of Economics - Varna | 2021 - 2025

C# & JS Path

Software University | Sofia, BG | 2015 - 2019

Bachelor & Master in Informatics

University of Economics - Varna | 2014 - 2019

</> Projects

Custom eLearning Mini-System

<https://students-manager.site/> | [Source Code](#)

Cloud-based system for managing the student learning process.

Key Features:

- Quiz tools for students
- Homework assignments
- Grading and discussion management
- Integrated chatbot for mock examinations

Tech Stack: Built using Domain-Driven Design (DDD), CQRS, and Event Sourcing with 100% integration test coverage, CI/CD pipelines, HATEOAS REST APIs, and Dockerized deployment.

Publications

Domain-Driven Design in Cloud Computing: .NET and Azure Case Analysis

TEM Journal, 14(1), pp.44–54, 2025

Jordanov, J., Petrov, P., Kuyumdzhiev, I., Vasilev, J., Petrova, S.

<https://doi.org/10.18421/TEM141-05>

Containerized Microservices for Mobile Applications Deployed on Cloud Systems

International Journal of Interactive Mobile Technologies [IJIM], 18(10), pp.48–58, 2024

Jordanov, J., Simeonidis, D., & Petrov, P.

<https://doi.org/10.3991/ijim.v18i10.45929>

A Practical Approach of Data Visualization from Geographic Information Systems by Using Mobile Technologies

International Journal of Interactive Mobile Technologies [IJIM], 18(3), pp.4–15, 2024

Vasilev, J., Petrov, P., & Jordanov, J.

<https://doi.org/10.3991/ijim.v18i03.46655>

Domain Driven Design Approaches in Cloud Native Service Architecture

TEM Journal, 12(4), pp.1985-1994, 2023

Jordanov, J. & Petrov, P.

<https://doi.org/10.18421/TEM124-09>

Network Intrusion Detection Through Classification Methods and Machine Learning Techniques

International Conference Automatics and Informatics (ICAI), Varna, Bulgaria, pp.409-413, 2023

Simeonidis, D., Petrov, P., & Jordanov, J.

<https://doi.org/10.1109/ICA158806.2023.10339029>

Historiographical Study of the Evolution of the Geocoding Systems with Equiangular Tessellation

7th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Türkiye, pp.1-5, 2023

Petrov, P., Nacheva, R., Jordanov, J., Dimitrov, G., Bychkov, O., & Petrivskyi, V.

<https://doi.org/10.1109/ISMSIT58785.2023.10304983>

Digitalization of Educational Services with Regard to Policy for Information Security

TEM Journal, 11(3), pp.1093-1102, 2022

Petrov, P., Kuyumdzhev, I., Malkawi, R., Dimitrov, G., & Jordanov, J.

<https://doi.org/10.18421/TEM113-14>

Achievements

 **Softuniada 2020** - Competitive programming

 **Innovation Camp by DSKBank**

 **Employee of the Year**