

Education and Certifications

- **RAF – School of Computing (RAF), University UNION.**
 - Bachelor of Computer Science **Oct. 2019 – Oct.2023**
 - Masters of Computer Science **Oct. 2023 – Ongoing**
- **English: C1 Advanced (CAE)**

Experience

- **Banca Intesa Beograd, DevOps Developer** **Apr.2024 – Ongoing**
 - *Tech stack: C# .NET / Angular / MySQL / Microsoft Azure Pipelines / Bash Scripts*
 - Enhanced the existing automatic Azure pipeline deployment system to support additional components during deployment, including RDLs, SQL database scripts, automated email notifications and Api/App deployment. Additionally, developed a web application for scheduling and organizing tasks for the entire department, replacing the outdated existing system.
- **Freelance**
 - Assisted in web application development on platforms like Fiverr.
 - Supported students with academic and personal projects, offering guidance in software development and problem-solving.

Projects

- **Financial web application**
 - *Tech stack: Java / Spring / JUnit, Mockito, Cucumber / MySQL/ Angular / RabbitMQ / Docker / Kubernetes*
 - Managed a team of 20 people across three sub-teams with their team leaders reporting to me, for the development of a group banking web application simulates banking and stock trading, adeptly deployed on Kubernetes.
 - Orchestrated the development of interconnected sub-modules and concurrent modules which are designed to emulate stock and futures markets.
- **Docker Swarm and Kubernetes comparison**
 - *Tech stack: Java / Spring / Docker / Docker Swarm / Kubernetes / Prometheus*
 - Conducted a comprehensive comparison of Docker Swarm and Kubernetes systems for a master's project. Deployed a small test application on both orchestration platforms, using Linode and Civo as deployment environments.
 - Utilized Prometheus and Grafana for performance monitoring, with a metrics server on Kubernetes for a more detailed analysis.
 - Implemented auto-scaling on Kubernetes using the Horizontal Pod Autoscaler (HPA) based on data gathered from monitoring. For Docker Swarm, developed a Python auto-scaling script integrated with Alertmanager.
- **Cuttle web game**
 - *Tech stack: Java / Spring / WebSocket, SockJs, StompJs*
 - Developed a multi-player web application designed for up to four participants. Utilizing coordinate tracking and DOM tree filtering to build an interactive UI. The application operates in real-time, with gameplay and visual updates facilitated through a multi-socket system, ensuring continuous data synchronization across multiple players.and is backed by a central server.

Technologies

- **Languages:** Java, C#, Kotlin, JavaScript, Typescript, HTML5, CSS3, Python, SQL
- **Frameworks and technologies:** Spring, Git, Docker, Kubernetes, Jetpack Compose, MongoDB, MySQL, MariaDB, Angular, Vue, Node, Figma