

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 – Full-Stack and Dev Ops engineer** **Apr.2024 – Ongoing**
 - *Tech stack: C#.NET | Angular | MySQL | Microsoft Azure Pipelines | Bash Scripts*
 - I have enhanced the existing automated Azure pipeline deployment system to support additional components, such as RDLs, SQL database scripts. To reduce repetitive tasks, constructed an automated emailing system for deployment notifications. Additionally, I developed a web application to schedule and organize tasks across the department, replacing an outdated system and significantly improving team efficiency.
- **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