

## Education and Certifications

---

- **RAF – School of Computing (RAF), University UNION.**
  - Bachelor of Computer Science **Oct. 2019 – Oct.2023**
  - Masters of Computer Science **Oct. 2023 – Dec.2024**
- **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system to support additional components such as RDLs or SQL scripts and improved project deployment by updating outdated **PowerShell scripts**.
  - To reduce repetitive tasks, constructed an automated emailing system for deployment notifications and deployed a time scheduling web app, replacing the outdated system, increasing team productivity.

## Competitions & Awards

---

- **5 Days In The Cloud, hackathon by Levi 9**
  - Won **1st prize** with my team by developing a high-performance **Java Spring** game player management service utilizing the AWS stack (**RDS** for the database, **ECS** for deployment, **SES** for email notifications and **S3** buckets for quick data storage)
- **Nordeus Full-Stack Challenge**
  - Won in the nordeus 2024 job fair competition by building a **Java Spring** and **Angular** based Island game. Utilizing **DFS** to filter island matrixes and display them to the player using 2D and 3D graphics.
- **LauzHack 2024**
  - Made a conveyor belt robot using **raspberry pi** with python to operate arduinos and sensors. Remote controlled from an **Angular** and **Spring** app acting as a central server and utilizing **Prometheus** for data collection.

## Technologies

---

- **Languages:** Java, C#, JavaScript, TypeScript, SQL, HTML, CSS, Kotlin
- **Frameworks and technologies:** Angular, Spring, Docker, Kubernetes, Git, Node, MySQL, MongoDB, MariaDB, Vue, Jetpack Compose, Figma

## Projects

---

- **Financial web application**
  - *Tech stack:* Java / Spring / JUnit, Mockito, Cucumber / MySQL/ Angular / RabbitMQ / Docker / Kubernetes
  - Led a 20-member team to develop a microservices-based banking app simulating stock, forex, and futures markets, deployed on Kubernetes.
- **Docker Swarm and Kubernetes comparison**
  - *Tech stack:* Java / Spring / Docker / Docker Swarm / Kubernetes / Prometheus
  - I conducted a master's project comparing Docker Swarm and Kubernetes; deployed on Linode and Civo, utilized Prometheus/Grafana for monitoring, and implemented auto-scaling with **HPA** and **Python auto-scaler**.
- **Cuttle web game**
  - *Tech stack:* Java / Spring / WebSocket, SockJs, StompJs
  - Developed a **real-time multiplayer** web game for up to 4 players with synchronized gameplay using a multi-socket system and centralized server/database. Using coordinate tracking and DOM tree filtering to build an interactive UI.