Andrijana Aleksić

SOFTWARE ENGINEER | BACKEND, DATA SYSTEMS & PRODUCT

San Francisco Bay Area, CA | Authorized to work in the U.S.

annaleksic95@gmail.com | linkedin.com/in/aandrijana

Software Engineer II with nearly 4 years of engineering experience at Microsoft, including an internship. Built backend services and distributed data infrastructure, led a three-engineer project, and shipped a user-facing Microsoft Teams feature. Brings technical ownership, mentoring, teaching and creative communication to small, collaborative teams.

ENGINEERING EXPERIENCE

Microsoft — Azure Data / Microsoft Fabric Platform **Oct 2022 – Apr 2026**

Software Engineer II (promoted Sep 2025) | Belgrade, Serbia

- Led a three-engineer project and built the core of a cloud capacity automation platform to detect and mitigate resource shortages, preventing recurring on-call incidents and improving customer experience.
- Engineered multi-availability-zone (multi-AZ) resilience for Microsoft Fabric across Azure regions; validated fault tolerance through availability-zone failure drills.
- Developed C# backend control-plane features for Azure Synapse Analytics and Microsoft Fabric, supporting serverless and data warehouse workloads.
- Built a predictive model to anticipate capacity spikes and mentored a software engineering intern throughout development.
- Operated production cloud services through monitoring, on-call rotations, incident investigation and reliability improvements.

University of Belgrade — Teaching Assistant **Oct 2022 – Nov 2023**

- Taught advanced C++, software design patterns and C programming fundamentals; mentored computer science students.

Microsoft — Software Engineer Intern **Feb 2022 – May 2022**

- Built a React people-card feature for Microsoft Teams, enabling access to participant profiles directly from meeting videos.

TECHNICAL SKILLS

C#, C++, C, React | Backend services, distributed systems, Azure, data infrastructure, cloud control planes, capacity automation, object-oriented design, production reliability

LEADERSHIP & CREATIVE WORK

- Led the External Communication Team and served on the Diversity & Inclusion Leadership Team at Microsoft Development Center Serbia; organized a week-long women-in-tech event and moderated outreach panels.
- Create digital content for corporate and personal projects, combining creative storytelling with audience-focused communication.

EDUCATION & HONORS

University of Belgrade — Computer Science **Sep 2018 – Sep 2022**

Faculty of Mathematics | GPA: 9.0/10.0

- Ministry of Education scholarship for highly gifted students (2021), awarded to 100 top students nationwide.