Amina Sokoli

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WORK EXPERIENCE

Backend Developer – TiranaIT Oct. 2024 – Dec. 2024
Internship *Hybrid*
- Learned about database management and integration with back-end systems.
- Participated in Agile team meetings to discuss project progress and challenges.
  - **Stack:** Git, Jira, Java, MySQL, MongoDB;

Computer Engineering Internship – AKEP May 2025 (1 month duration)
Internship *On site*
- Learned about database networks, frequency systems and infrastructure, 5G.

EDUCATION

Polytechnic University of Tirana Oct, 2022 – Jul, 2025
Bachelor of Computer Engineering *Tirana, AL*

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Introduction to RISC-V – The Linux Foundation, Docker for Java Developer - Udemy
- **Technologies:**
  - *Hardware*: Verilog, VHDL
  - *Software*: Git, Jira, Java, JUnit, PHP, ASP .NET, Javascript, ReactJS, Angular, HTML, CSS, TailwindCSS, Oracle, MySQL, SqlServer, Docker
- **Skills:** Code maintenance, Refactoring, Teamwork, Strategic planning;
- **Interests:** Reddit; Leetcode

PROJECTS

- **Calorie Tracker App** (team project)
  - Developed a desktop application in Java to track daily calorie intake, featuring an intuitive interface for logging meals and viewing nutritional summaries.
  - Designed and implemented core functionality, including data persistence and real-time calorie calculations, using object-oriented principles.
  - Conducted unit testing with JUnit to ensure reliability and accuracy, achieving 50%+ code coverage across key modules.
  - Performed detailed code reviews and provided feedback to improve code quality.
- **MerrBio** (personal project)
  - Designed and implemented a full-stack web platform for local agriculture. Implemented key features including: search/filter products, farmer dashboard with CRUD operations, consumer purchase request system.
  - Built a responsive frontend using ReactJs and TailwindCSS and a secure backend with PHP and MySQL enabling user authentication, product management and purchase request functionality for two users: farmer and consumer.
- **Parking Management System Database** (personal project)
  - Designed and implemented a relational database for managing parking locations, vehicles, and clients.
  - Developed PL/SQL procedures for automated billing and refunds, triggers to prevent duplicate active parking, and logic for time-based pricing. Included role-based access for administrators and daily cash reporting per employee.
  - Used Oracle APEX to create a web interface for data management and reporting.