Aidana Zhumabaeva

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GitHub

OBJECTIVE

Aspiring Software Engineer with a strong foundation in computer science, hands-on experience in software development, and a proven track record in cybersecurity and DevOps. Passionate about solving complex problems, building innovative solutions, and contributing to impactful projects in a collaborative and dynamic environment. Eager to bring technical expertise and a proactive approach to a forward-thinking organization.

EDUCATION

Eötvös Loránd University Budapest, Hungary

Bachelor of Science in Computer Science *Sept. 2022 - Jul. 2025*
Completed Courses:
> *Computer Science:* Web Development(HTML5, CSS3, JS), Applied Data Science, Object Oriented Programming, Web Programming(JS, PHP), Algorithms and Data Structures, Operating Systems, Application of Discrete Models, Telecommunications Network, Artificial Intelligence, Compilers, DataBases I , Concurrent Programming
> *Maths:* Discrete Mathematics, Analysis

Current Courses:
> *Computer Science: Software Technology, Cryptography and security, Databases II*
> *Maths: Numerical methods, Probability and statistics*

EXPERIENCE

MSCI Inc.   **Jul 2024- Present**
Security Developer Intern

As a Security Developer Intern, I had the chance to work within the IT Risk team, focusing on the Application Development sub-team. This experience allowed me to start working on the development and implement comprehensive security protocols and best practices for internal applications, focusing on both preventative measures and reactive solutions.

- *Designed and maintained ETL jobs within Kubernetes clusters for database processing and data integration tasks.*
- *Built and managed containers, deploying secure and efficient jobs to Azure.*
- *Implemented OAuth 2.0 protocols for authentication and authorization, ensuring secure access to internal applications and APIs.*
- *Developed and executed test cases for database processing and ETL pipelines to ensure performance and reliability.*
- *Collaborated with the IT Risk and Application Development teams to implement advanced security protocols.*
- *Integrated automated security tools into CI/CD pipelines for efficient and secure deployments.*
- *Conducted thorough code reviews to enhance the security of internal applications.*

SAP Hungary   **Nov 2023- Jul 2024**
Business Warehouse - Product Support Engineer Intern

As a Support Engineer Intern, I had the privilege to immerse myself in the dynamic world of enterprise software solutions, contributing to the success of both internal teams and external clients.

- *Provided technical support for enterprise-grade Business Warehouse solutions, ensuring robust functionality and high performance.*
- *Investigated and resolved complex software issues across multiple layers of the technology stack, ensuring operational continuity for clients.*
- *Collaborated with developers, product managers, and QA teams to improve the quality of software solutions, enhancing the user experience.*
- *Utilized diagnostic tools and data analytics to identify performance bottlenecks, contributing to system optimization.*
- *Documented best practices and contributed to knowledge bases, improving efficiency in troubleshooting and knowledge transfer.*
- *Actively participated in internal training programs, continuously improving technical skills and staying updated on SAP technologies.*

Eötvös Loránd University   **Aug 2023- Aug 2024**
Google Developers Student Club Co-Lead

As the Face of GDSC Co-Lead at ELTE, I am at the forefront of fostering a dynamic and inclusive community of aspiring developers and tech enthusiasts. Collaborating with a passionate team, I drive initiatives that empower students to harness the power of technology and innovation. My role encompasses leadership, project management, and technical engagement, where I ensure that the GDSC serves as a hub for skill development and networking.

- Spearheaded initiatives to promote coding and technology among students, organizing hackathons, workshops, and tech talks.
- Designed and facilitated hands-on training sessions on topics such as web development, machine learning, and cloud computing.
- Partnered with Google and local tech companies to bring valuable resources and mentorship opportunities to the club.
- Launched collaborative projects, mentoring students on technical and soft skills to bridge the gap between academia and industry.
- Created a robust community of developers by fostering teamwork, encouraging participation, and providing a platform for members to showcase their projects.
- Developed a club-wide GitHub repository for collaborative learning, enabling students to contribute to open-source projects.

SKILLS

Programming Languages: Python, Java, JavaScript, C#, C
Web Development: HTML5, CSS3
Database Management: SQL, Google Cloud Databases
Tools & Technologies: Docker, Kubernetes, Linux, Azure DevOps, Google Cloud, SonarQube, Mend, Poetry
Cloud Platforms: Azure (Job Deployment, Container Management)
Security Expertise: OAuth 2.0, OWASP Top Ten, Automated Security Testing, Risk Assessment, Secure Coding
Version Control: Git
Development Methodologies: Agile, Scrum, DevOps

PROJECTS

Poisonous (HTML): A web-based project showcasing dynamic design principles.
Web Vulnerability Scanner (Python): A tool for identifying vulnerabilities in web applications.
Network Traffic Monitor (C#): Designed a system to monitor and analyze network traffic in real time.
Security Monitoring Microservice (C#): Built a microservice for continuous security monitoring and analysis.