Bakhtiyor Bayjanov

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EDUCATION

Eotvos Lorand University — Budapest, Hungary
Bachelor of Science, Computer Science — *Sep. 2021 – July 2024*

EXPERIENCE

Junior Full Stack Software Engineer — July 2024 – Present
SEP Consulting — *Budapest, Hungary*

- Designed and implemented system integrations for transferring data using **Message Queues** and **Event-Driven Architecture** with **RabbitMQ** and **AMQP**. Developed message exchange handling via **Spring Boot**.
- Built dynamic and responsive web interfaces in **Angular**, with features such as file uploads, data parsing, filtering, and visualizing information using **Chart.js**, ensuring smooth integration with backend services.
- Collaborated on developing a **Microservices**-based system, handling **API Design**, **Server-Side Programming**, and managing backend processes for data processing and storage.
- Led interns' code reviews and mentored interns, providing guidance on **Backend Development**, **API Documentation**, and effective use of **SQL/NoSQL Databases** such as **PostgreSQL** and **Neo4j**.
- Automated the generation of documentation by integrating **Jira**, **Confluence**, and **APIs**, reducing manual effort by 70% and increasing productivity through **Continuous Integration (CI)** practices.

Intern: Full Stack Developer — *Dec 2023 – July 2024*

- Learned and applied the basics of **Angular**, **Spring Boot**, and **PostgreSQL**, developing **CRUD** features with full access control, authorization, and **RESTful Web Services** on the backend.
- Created and optimized responsive data tables, forms, and user login functionalities, gaining hands-on experience in **Frontend Angular 17 Development** and **API Integration**.
- Assisted with database management using **PostgreSQL** and handled backend logic for data processing, learning key concepts in **Database Management** and **SQL**.

Demonstrator for Algorithm and Data Structures — August 2023 – Janurary 2024
Eötvös Loránd University — *Budapest, Hungary*

- Led pre-midterm lab sessions for **22 students**, focusing on the practical applications of **algorithms and data structures**, improving their theoretical understanding and problem-solving skills.
- Provided consultations, addressing **10+ weekly queries** to clarify core concepts and assist with homework, supporting academic growth.
- Collaborated with colleagues to develop **several sample tests** for exams throughout the term, contributing to the course preparation strategy and student performance.

JavaScript/React Trainee — June 2023 – September 2023
NIX Europe — *Budapest, Hungary*

- Developed several projects utilizing **React.js**, **JavaScript**, and **HTML/CSS**, incorporating technologies like **React Hooks**, **Redux**, **TypeScript**, and **async/await** for data handling.
- Enhanced proficiency in reading developer documentation, debugging complex issues, and maintaining code quality through **Unit Testing** and code reviews.
- Strengthened skills in API integration, Git workflows, and collaborating in simulated project environments, ensuring project completion and feature optimization.

TECHNICAL SKILLS

Languages: Java (proficient), JavaScript/TypeScript (proficient), Python (medium), Go, SQL, HTML/CSS
Frontend: Angular, React.js, Chart.js, Redux, UI/UX Design, Responsive Design
Backend: Spring Boot, Node.js, Express.js, RESTful Web Services, JPA, QDSL
Databases: PostgreSQL, SQL/NoSQL Databases
Message Queues: RabbitMQ
Developer Tools: Git, GitLab, Docker, VS Code, Eclipse, DBeaver, IntelliJ, Postman, Jira, Confluence, SmartSet
Test and Libraries: Unit Testing, Jest, JUnit, Selenium, Materila-UI Angular, Bootstrap, Mongoose