Daniil Baydak

Full-Stack Software Engineer

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WORK HISTORY

11/2021 - 11/2024 - **Full-Stack Software Engineer**

Ncino - Lehi, UT

- **Designed and deployed scalable cloud solutions** using **AWS Lambda, S3, and API Gateway**, improving system resilience, reducing infrastructure costs, and Automated CI/CD pipelines with **AWS CodeBuild and CodePipeline**, improving deployment speed and reducing manual intervention.
- **Integrated real-time payment processing** features with third-party financial APIs, ensuring seamless transaction handling and reconciliation and **optimized payment workflows using Redis and PostgreSQL**, reducing processing latency and improving system throughput.
- **Developed CECL calculation engines** using **Java & Spring Boot**, automating expected credit loss modeling, **boosting forecast accuracy by 15%**, and **reducing manual adjustments by 40%**.
- **Built and optimized user interfaces** with **TypeScript, JavaScript, React, and Java**, increasing user engagement by **30%** through GraphQL integration and performance improvements.
- **Designed automated test scripts** with **Python, Selenium & JUnit**, ensuring regulatory compliance and **reducing reopened tickets due to errors**.
- **Developed interactive off-balance sheet visualizations** using **React & HiCharts**, improving data accessibility and reporting.
- **Developed and optimized backend services in Go** to perform complex loan calculations, improving accuracy and efficiency as well as integrating **Go services with databases and GraphQL APIs** to streamline data retrieval and reporting.

03/2021 - 09/2021 - **Software Test Engineer Intern**

Emburse - Salt Lake City, UT

- **Developed automated UI regression tests** using **Selenium & Robot Framework**, increasing test accuracy by **70%**.
- **Validated expense management functionality** in **Business Travel & AP Automation SaaS platforms**, reducing system errors before deployment.
- **Leveraged MySQL databases** to validate payment processing workflows and **resolve critical bugs before deployment**, ensuring seamless transactions.

SKILLS

- **Programming Languages**: Java, TypeScript, JavaScript, Python, HTML/CSS, GoLang
- **Front End:** React, Vue.js, Angular, Next.js, Chart.js, HiCharts
- **Backend, API & Data:** GraphQL, REST, OAuth, Node.JS, Spring Boot
- **Testing**: JUnit, Selenium, Puppeteer, Postman, Cypress, Datadog
- **Databases**: MySQL, Redis, Neo4J, MariaDB, PostgreSQL, MongoDB
- **Collaboration Tools**: Jira, GitHub, Jenkins, Confluence
- **Spoken Languages**: Fluent English, Fluent Russian, Basic Ukrainian, Basic Japanese

EDUCATION

Neumont College of Computer Science

- Bachelor of Science in Computer Science (2018 - 2021)