Deividas Mickevicius

Software Engineer

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Education

University of Illinois at Chicago — *Chicago, IL*

Bachelor of Science in Computer Science & Minor in Mathematics — *Class of 2021*

Technical Proficiencies

Languages · C · C++ · Java · Javascript · Python · R · Scala · SQL

Technologies · Angular · AWS · Docker · Flask · Git · Gradle · Lightbend · Maven · Node.js · React · REST · sbt · Spring

Other · Android Studio · Arduino · Jupyter · Linux & Windows Systems · Network Administration · Raspberry Pi

Experience

Cognizant

Software Engineer - Voya Financial Services — *October 2021 - April 2023*

- Designed e-commerce website with Spring Boot JPA for efficient backend data management, Spring Security for authentication and authorization, and Angular for dynamic front-end interactions. Implemented RESTful API services for communication between the front-end and back-end.
- Constructed relational databases using MySQL, aligning with established data models for user and customer entities. Additionally, optimized performance efficient table structures and relationships; ready for AWS cloud infrastructure, ensuring accessibility and scalability.
- Created configurations and managed Single Sign-On (SSO) functionality to provide companies' employees access to various resources and services using their third-party account credentials.
- Actively monitored SAML (Security Assertion Markup Language) configuration requests and responses between various clients. Performed daily diagnosis for consistent and reliable authentication across user platforms. Collaborated closely with external clients to troubleshoot and address any integration issues.
- Revitalized existing legacy code to improve overall system performance, meticulously examining memory management processes within expansive data platforms to diagnose and rectify inefficiencies. Resulting in improved structure for transferring and distributing certificates for clients.

United Parcel Service — *Hodgkins, IL*

Technology Support Group Specialist — *November 2015 – January 2020*

- Addressed a wide range of support tickets encompassing varying levels of complexity and urgency. Issues ranging from hardware malfunctions, network connectivity problems, data transfers and back-ups. Demonstrated versatility in troubleshooting technical challenges, utilizing a combination of remote assistance tools and urgent hands-on maintenance. Ensured swift resolution to minimize disruption to daily operations.
- Led and coordinated a team of four members in multiple project engagements focused on hardware replacements and upgrades. Assumed responsibility for team performance, ensuring thorough planning and execution to meet project timelines and objectives effectively. Oversaw the setup and configuration of equipment, ensuring meticulous attention to detail and adherence to projected schedules.

Personal Projects & Research

Trading Bot & Visualizer — *Python*

- Implemented trading bot that has full market functionality. Places orders based on various market strategies utilizing Binance API and TA-lib indicators. Deployed multiple visualizer plots in JS and Python that display live data and has functionality to include market indicators and buy/sell order visualization on plots. Mapped various server requests via Flask.

Can & Chord — *Scala*

- Implemented distributed and scalable peer to peer system via Content Addressable Network and Chord algorithms; Utilizing Akka actor models system that can store and query large data sets with optimal load times. Deployed cloud simulations on AWS ec2 instance utilizing docker image to replicate storage and retrieval of data.

Kickstarter ML & Statistical Analysis — *Python & R*

- Applied Machine learning models and statistical analysis to predict success for Kickstarter projects. Constructed hypothesis utilizing R for features including goal amount, backer count, and project duration. Demonstrated that neural networks performed best, while SVM and Adaboost showed under fitting and over fitting, respectively. Neural Network demonstrated dominating fitment results from three methods.

Synthesis Tree Of Gates — *Python & Java*

- Research showcasing the most effective methods for reducing costs optimally. Displayed effectiveness of constraints associated with building logical circuits using input files containing pin configurations, gate expenses, and timing delays. Demonstrated configuration of algorithms and visually presenting the construction of all possible path trees, highlighting the most prominent solutions.

Midi Hands — *Arduino*

- Designed and built wireless controlled gloves that translated button presses into MIDI via two transceivers and master node receiver to any chosen music software that supported MIDI input. Displayed the hardware and software communication in real-time that played music through the device.

Student Organizations & Certificates

2019-2021 **Association For Computing Machinery ACM,** (ACM) — *Chicago, IL*

2018-2021 **Linux Users Group,** (LUG)

2018 **Cisco CompTIA A+,**