Alexander Muns

Software Developer

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Technical Skills

Front End: *CSS, HTML, JavaScript, JSON, PHP, React, REST, XML*
Back End: *Bash, Gradle, Java, Kotlin, Maven, Python, SQL*
Database: *Neo4j, MariaDB, MySQL, MongoDB, Oracle, SQLite*
Operating Systems: *Linux, Windows*
Design and IDE: *Android Studio, Design Patterns, Eclipse, Eclipse JEE, IntelliJ IDEA, Object Oriented Design, Replit, Vim, Visual Studio*
Version Control and Others: *Agile, Amazon Web Services (AWS), Git, GitHub, Jira, OAuth2, XAMPP*

Projects

Twitter-like Microservice
Coordinated microservices to communicate over RESTful APIs to provide messaging and subscribing capabilities. Secured with OAuth2.
Technologies: Java, Linux, Maven, MySQL, OAuth2, Spring Boot

NASA Image of the Day Android App | Code
Crafted an application to facilitate querying and viewing NASA's Astronomy Picture of the Day API. Available in English and Spanish.
Technologies: Android Studio, Gradle, Java, SQLite, XML

Solitaire for Browser and Desktop | Code Demo
Led a group of four in designing and deploying Solitaire in an Agile environment.
Technologies: HTML, CSS, JavaScript, ElectronJS, Jira

Fruit Growth for Android – In Progress | Code
Designed the Android version of an iOS application which helps apple farmers optimize profit and yield of quality fruit. Uses a growth model from Cornell University's Department of Agriculture and Life Sciences.
Technologies: Android Studio, Gradle, Java, SQLite, XML

Professional Experience

IT Support & Front Desk Representative | *2021 - Present (Seasonal)*
Craigleith Ski Club, Craigleith, ON
Managed and updated the front end of the club's website.
Solved a variety of technical issues, saving thousands of dollars in outsourcing.

IT Support & Orchard Assistant | *2020 – Present (Seasonal)*
T&K Ferri Orchards, Craigleith, ON
Resolved internal hardware and software challenges.
Helped implement of a data model inspired by Cornell University.

Designated Skills Trainer / Front Desk Representative | *2019 – 2020*
Blue Mountain Resort, Blue Mountains, ON
Coached hotel policies and complex hospitality software to groups of six new staff in two-week sessions.

Education

Diploma in Computer Programming (Hons)
Algonquin College | Ottawa, ON
Graduated in 2023.
4.0 GPA.

Advanced Diploma in Music Performance (Hons)
Cambrian College | Sudbury, ON
Graduated in 2017.
Highlighted on the Dean's and President's lists for academic achievement.

Certifications

Student Leadership Program (2022)
Algonquin College

Python Crash Course (Hons) (2022)
Colby Pryor, CPO

Responsive Web Design (2021)
freeCodeCamp

Volunteer Experience

Moderator (2022 – Present)
Algonquin Computer Programming Discord Server

Operations Assistant (2022)
5th Street Creative Initiatives

Design Consultant (2022)
Collingwood Climate Action Team