Vuk Svilaric

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Wide faceted knowledge of software systems looking for a Software Engineering Role

EDUCATION

Computer Engineering, University of Toronto   **May 2018**
- Bachelor of Applied Science – Focus in Software Engineering

Favorite Courses
- Computer Security, Internetworking, Operating Systems, Algorithms & Data Structures, Programming on the Web, Intro to Databases

TECHNICAL SKILLS

Programming:
- Java, NodeJS C++, C, Python, Bash, HTML, CSS, JavaScript, SQL, Ruby on Rails, Android SDK

Tools/Methodologies
- Git, Maven, OpenAPI (Swagger), Jenkins, Apigee Edge, Subversion, BuildForge, MongoDB, Junit, Docker, Jenkins, Kubernetes , REST, CI/CD, TDD, Agile, Cloud, PCF, Azure, GCP, Open Source

TECHNICAL EXPIRIENCE

Java
- Integrated Open API features in Websphere Application Server
- Development on open source maven plugins which are published to mvn repositories

C++
- Using OpenStreetMap data, optimized 50+ nodes to solve Travelling Salesman problem
- Solution was in top 10 of 100 groups and within 98% percentile of top solution

Full-Stack Web Development
- Worked in team of four on complete Ruby on Rails responsive full stack application integrating with payments and SQL
- NodeJS/MongoDB app using machine matching volunteers to organizations

DevOps Experience
- Bash scripting to integrate multi-environment deployment on Google Apigee Platform
- Managed entire Build System of 50 VMs for entire XML technologies
- Debugging Python and Perl build scripts

WORK EXPERIENCE

Software Developer, API Management, Scotiabank   **Oct 2018 – Present**
- Lead developer for customized NodeJS based API Gateway for all Internal bank APIs
- Implemented custom cryptographic security solutions with JWT, JWS, JWE and mutual TLS
- Wrote performance critical code using multi-threaded NodeJS clustering
- Developed internet-facing API solutions using Apigee Edge policies and custom Java Callouts

Software Development Intern, IBM   **May 2016 – August 2017**
- New development and support for Websphere Application Server (WAS), supporting many banks around the world with support for On-Prem, Cloud, and lightweight (Liberty) versions of WAS
- Developed code for Java EE feature openapi-3.0 which exposes OpenAPI 3.0 and Swagger 2.0 APIs by scanning annotations of JAX-RS Java RESTful web applications
- Responsible for entire Build system of over 50 Virtual Machines for the entire XML Technologies component of Websphere Application Server

Board of Directors, University of Toronto Engineering Society   **2012-2013**
- Elected to represent all 1,200 first year students on the Board of Directors which directly overlooks the President, VPs, and Officers
- Approved and discussed budgets involving $900,000, finalized a donation of $1 Million to the University for a new building

Bartender/Bar-back, Liberty Grand   **2015-2016**
Assistant Coach, Bayside Rowing Club   **2010-2012**