Vuk Svilaric

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Wide faceted knowledge of software systems. Seeking a remote Software Engineering role

WORK EXPERIENCE

Software Engineer, Carfax   **Oct 2019 – May 2022**
- Transitioned leads service from a monolith to a distributed AWS serverless microservice
- Integrated Leads API with several third party OEM and dealer Lead Tracking systems
- Built Facebook Marketplace chatbot which is providing an estimated $26 million additional yearly revenue to Carfax by generating 10,000+ leads a day from the 1,000,000+ Carfax listings
- Highly available service with a multi-region disaster recovery failover and full-suite integration tests

Software Engineer, API Management, Scotiabank   **Oct 2018 – Oct 2019**
- 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 Engineer, IBM   **May 2016 – Aug 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

TECHNICAL SKILLS

Programming:
- NodeJS, Java, Typescript, Python, Kotlin, HTML, CSS, JavaScript, Groovy, C/C++, Bash, SQL

Tools/Methodologies
- Microservices, Serverless, AWS, Terraform, Spring Boot, RabbitMQ, JUnit, Spock, Mocha, Elasticsearch, Git, Jenkins, Apigee Edge, Maven, Gradle, MongoDB, Docker, Kubernetes, REST, CI/CD, TDD, Agile, Scrum, PCF, Azure, GCP, Ruby on Rails

EDUCATION

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

NOTABLE HIGHLIGHTS

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 learning 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
- Enhance Jenkins pipeline with integration tests

Board of Directors, UofT Engineering Society
- Elected to represent 1,200 students
- Discussed $900,000 budgets
- Finalized a donation of $1 Million to the University for a new building

Algorithm Design
- Using OpenStreetMap data, optimized 50+ nodes to tackle Traveling Salesman problem
- Solution was in top 10 of 100 groups and within 98th percentile of top solution