PETER BAGGETTA B.ENG

(416)854-5405 ◇ peter.baggetta@gmail.com ◇ github.com/PeterBaggetta ◇ https://peterbaggetta.com/

PROFILE

Computer Engineering graduate with strong experience in software development, system architecture, and infrastructure automation. Proven ability to develop scalable full-stack applications and automate cloud workflows using Python, Spring Boot, Docker and Kubernetes. Currently pursuing P.Eng. designation to deepen engineering rigor while delivering secure, reliable, and high-performing systems.

SKILLS & CERTIFICATIONS

Languages & Scripting:
- Python, Java, JavaScript, TypeScript, C, C++. SQL, PHP, HTML/CSS, Bash

Frameworks & Libraries:
- Node.js, React, Next.js Tailwind CSS, Spring Boot, JUnit, SwiftUI

Certifications & Training:
- AWS Solutions Architect Knowledge Badge, Fortinet FCA & FCF, RedHat & F5 Technical Certifications, CompTIA Security+ (in progress)

Cloud & DevOps Tools:
- AWS, Microsoft Azure, Docker, Kubernetes, CI/CD Pipelines, Git, GitHub, GitLab, Bitbucket, Cloudflare, Cloudinary, Maven, Jira

Databases & Infrastructure:
- MongoDB, NoSWL, TCP/IP, SNMP, Embedded Linux

PROJECTS

Full-Stack Cloud-Native Platform for Media Sales
- I built a full-stack web application using Spring Boot, React, and NodeJS, leveraging Docker, Kubernetes, CI/CD pipelines, and Azure for scalable deployment. The platform, powered by MongoDB and REST APIs, helped generate $1B in media sales. Working in an Agile team, I collaborated with developers, project managers, and partners to ensure requirements were met through weekly meetings.

Data Compression in an Edge Computing Environment using an Auto-Encoder
- Built a lightweight auto-encoder for real-time data compression in edge computing systems.
- Optimized CPU performance and energy efficiency by comparing compile/runtime performance across compilers.
- Explored trade-offs between latency and compression to support distributed IoT deployment.

EXPERIENCE

JAN 2024 – PRESENT

Specialist, Technical Network Architect, Bell   Mississauga, Ontario
- Designed and deployed secure network architectures for enterprise clients. collaborating cross-functionality with developers and vendors to deliver high-availability solutions.
- Engineered a Python-based automation tool that streamlined the quoting process for the Solutions Specialist team, improving workflow speed and increasing enterprise sales opportunities.
- Participated in incident response for security events, contributing to 24/7 team readiness while improving documentation and troubleshooting protocols.

JUNE 2022 – AUGUST 2022

Software Development Engineering Intern, Publicis Sapient   Toronto, Ontario
- Built and deployed a full-stack advertising platform using Spring Boot, NodeJS, and React, enabling real-time campaign creation, editing, and distribution.
- Integrated CI/CD pipelines using Docker, Bitbucket, Kubernetes, and Microsoft Azure to automate deployment and testing processes.
- Supported a $1B revenue-driving platform by collaborating in Agile sprints with engineers, PMs, and clients to rapidly resolve production issues.

EDUCATION

SEPTEMBER 2019 – APRIL 2023

Bachelors of Computer Engineering, University of Guelph   Guelph, Ontario
- Graduated with High Honours
- Dean's List, 4 consecutive semesters

HOBBIES & INTERESTS

- Lifeguarding & Swim Instructor for 8 years
- Hockey, Soccer & Swimming
- Learning multiple languages Italian & French
- Home cloud server with Raspberry Pi
- Pianist
- Tearing apart tech