

# ADAM GUTONSKI

## Summary

Experienced Senior Software Engineer with a strong background in Java and Python programming, well-versed in data structures, algorithms, and software design. Proven track record in delivering high-quality solutions across diverse industries, including local municipalities, government contractors, and international tech companies. Committed to excellence in software engineering.

## Technical Skills

Programming/Languages:

Java, Python, JavaScript, HTML, CSS, SQL

Frameworks:

Spring, SpringBoot, Lombok, Jooq, DropWizard, Thymeleaf

Database Management:

MySQL, Microsoft SQL Server, PostgreSQL, Liquibase, Sequel Ace

Build Tools:

Docker, Gradle, Maven

Operating Systems:

MacOSX (Arch64), Linux (Ubuntu), Windows 10/11

Other:

Jira, Atlassian, Confluence, Github, AWS

## Related Experience

Local Software Engineer

2021 - 2024:

- Spearheaded the development of microservices within a robust Digital Construction Management application.
- Architected scalable microservices architecture to enhance application efficiency.
- Implemented data cleaning, verification, and transformation procedures (ETL), ensuring data integrity and accuracy.
- Researched and implemented open-source libraries, reducing reliance on proprietary licensed libraries.
- Worked collaboratively with cross-functional international teams to identify and resolve technical challenges.
- Contributed to architectural discussions and design decisions, ensuring alignment with project objectives.

Languages/Tools Used: Java, Python, MySQL, Spring, Docker, Dropwizard, Jooq, Liquibase, Github, Jira, Sequel Ace

BA Systems Geospatial Solutions Engineer

2018 - 2021:

- Led the development of robust scripts and web services using Python and JavaScript
- Engineered automation scripts for in-house desktop and web applications, enhancing the automation and efficiency of data workflows.
- Pioneered the establishment of the first Git repositories for the research and development team.
- Implemented version control best practices, fostering collaborative development and enhancing project traceability.

Languages/Tools Used: Python, Javascript, SQL, Microsoft SQL Server, ArcGIS Enterprise, Github

Technology Development - Tutor via LinkedIn

2017 - 2018:

- Crafted and executed the design of Model-View-Controller (MVC) web applications.
- Leveraged Java Enterprise Edition (EE) and Java Server Faces (JSF) to create intuitive and user-friendly interfaces.
- Implemented robust back-end Java entities tailored for seamless data transfer within a PostgreSQL database.

Languages/Tools Used: Java, Java Server Faces, Prime Faces, SQL, PostgreSQL, HTML, CSS

#### Education

Community College of Allegheny County – Pittsburgh, PA

Associate of Science, Computer Information Technology | 2017

Allegheny College – Meadville, PA

Bachelor of Arts: English, Minor: Geology | 2013

#### Supplemental Experience

Web Developer, Main Squeeze Juice | 2017

Enrollment Advisor, IPS Learning | 2013-2017