

# Matt Strenk

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## WORK EXPERIENCE

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### Gracenote, Inc.

May 2022 - Sept 2024

*Software Engineer*

*Remote*

Gracenote is a leading entertainment metadata and technology company, known for its extensive database and analytics services for the music, video, and sports industries.

- ❖ Refactored software modules to be more efficient by implementing design patterns that promote code reusability and maintainability.
- ❖ Led an effort to upgrade from Java 8 to Java 17 while maintaining high code quality standards.
- ❖ Designed and implemented a CI/CD pipeline that reduced deployment time by 40%, increasing the efficiency of the software delivery process.
- ❖ Adopted Docker containerization that allowed software to be tested locally cutting testing time down 85%.
- ❖ Automated infrastructure provisioning using Ansible, Terraform, and Terragrunt; significantly reducing manual configuration errors and deployment time.
- ❖ Led migration efforts between Github to Gitlab, ensuring a smooth transition for all team members and minimizing disruptions to ongoing projects.
- ❖ Conducted regular code reviews to maintain high coding standards and improve overall software quality across the team.

### Saab Inc.

May 2018 - May 2022

*Software Engineer*

*Syracuse, NY*

Saab Inc. is a subsidiary of Saab AB, focusing on advanced technologies in aerospace and defense.

- ❖ Implemented various features for a target processor, whose primary purpose was tracking airplanes and publishing data upstream, utilizing C/C++.
- ❖ Developed diagnostic tools in MATLAB for analyzing data being output by the system.
- ❖ Frequent use and management of Linux systems, as well as working with Kernel-based Virtual Machines (KVM).
- ❖ Designed and developed scripts to automate deployment actions done on-site such as installation of software, creating archives and backing up configurations.
- ❖ Created automated regression tests using Ansible playbooks for validating system requirements.

### Saab Sensis Corp.

Apr. 2017 - Aug. 2017

*Software Engineer Co-op*

*Syracuse, NY*

Saab Sensis is a leader in advanced surveillance and air traffic management solutions, enhancing aviation safety globally.

- ❖ Supported Air Traffic Control Systems using C/C++ and Python. Created a Wireshark Packet Dissector that is used to analyze data output by the system and collaborated with engineers to optimize performance.

## EDUCATION

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### Clarkson University

2018

*B.S. in Computer Engineering with a Minor in Software Engineering*

*Potsdam, NY*

## SKILLS & INTERESTS

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- ❖ **Advanced:** Java, C, Javascript, Typescript, Bash, Docker, Linux, Ansible, Terraform, Terragrunt, Postgres, Git, Jira, Github, GitLab, Jenkins, VS Code, Eclipse, Unraid, AWS, Microsoft Office
- ❖ **Intermediate:** C++, Python, Dart, C#, MATLAB, MongoDB, Cloud Firestore, Subversion, Postman, Kubernetes
- ❖ **Basic:** HTML, CSS, PHP, Perl
- ❖ **Interests:** 3D Printing, Home Lab, Smart Home Automation, Philadelphia sports teams, Tennis, Golf, Cornhole