

Nathan Gilbert

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EDUCATION

Rochester Institute of Technology, Rochester, NY — GPA: 3.51

Bachelor in Software Engineering, Expected May 2024

Acquired Dean's List: 5 times

Relevant Courses: Engineering Cloud SW Systems, SW System Requirements and Architecture, SW Design for Computing Systems, Analysis of Algorithms, Human Centered Requirements and Design, Engineering of Concurrent Distributed SW Systems, Software Testing, Principles of Data Management, Engineering Of SW Subsystems, SW Process and Project Management, Discrete Math for Computing, Web & Mobile I, Web Engineering, Computer Science I & II, Calculus I & II

SKILLS

Programming Languages: JavaScript, Java, Python, TypeScript, Apex, C#, PostgreSQL, MySQL, MongoDB, C

Technical: Software Architecture & Design, OOPs, UML diagramming, Lucidchart, Git/GitHub, Git Bash, AWS, RDBMS diagramming, npm, Figma, Proto.io, Trello, Confluence, Postman, Jira, Google Suite, Vim, Salesforce platform, Data structures, Algorithms

Soft: Time and Project Management, Communication, reliability, Critical thinking, Collaboration, Adaptability, Accountability, Patience

Libraries & Frameworks: React.js, Node.js, Mongoose, Express, Bootstrap, Flask, Django, JUnit, unittest, .NET

WORK

Zebra Technologies - Back End Software Developer Intern, Remote — May 2023 - August 2023

- Implemented ETag cache keys in the backend system to enhance caching efficiency and reduce unnecessary data transfer.
- Utilized .NET Attributes to enhance code organization, simplify configuration, and improve the overall maintainability of the project.
- I developed an implementation plan for a custom API endpoint dedicated to clearing ETag cache keys, providing a way to manage cached data efficiently.
- The custom API endpoint was successfully implemented for clearing ETag cache keys and tested through local deployment and unit tests.
- Integrated metrics collection using OpenTelemetry and Prometheus, allowing for real-time monitoring and performance analysis of the backend services.
- Collaborated to design and implement the UI for the ETag cache key clearing endpoint using Angular, creating a user-friendly interface for cache management.

Red Argyle - Co-op Engineer, Canandaigua — May 2021 - May 2022

- Proficient in using Salesforce tools including Apex, Flows, and Lightning Web Components to develop and test high-quality software.
- Utilized SOQL to interact with databases and retrieve data as needed.
- Collaborated with clients to design and implement customized Salesforce solutions.
- Experienced in Agile development methodologies, including managing tasks, prioritizing work, and accurately estimating time requirements.
- Skilled in creating comprehensive documentation to provide insight into complex software features and functionality.

VOLUNTEERING

Computer Science Class visits, Gananda HS — January 2021 - Today

- Visited different Computer Science and Cyber Security classes to encourage and give insight into going into what they can do and achieve learning to code and possibly pursuing a STEM career.

3rd Summer Instructing Gananda Coding Camp - Camp Instructor, Gananda HS — July 2023

- Successfully taught a Python coding camp to 14 students in grades 7-12 as part of a team of instructors for the Gananda Central School District.
- Coordinated with the school district to establish and organize the camp, and developed a comprehensive curriculum, slides, and materials for student use.
- We assessed student progress through pre- and post-assessments, demonstrating strong understanding and growth throughout the camp.